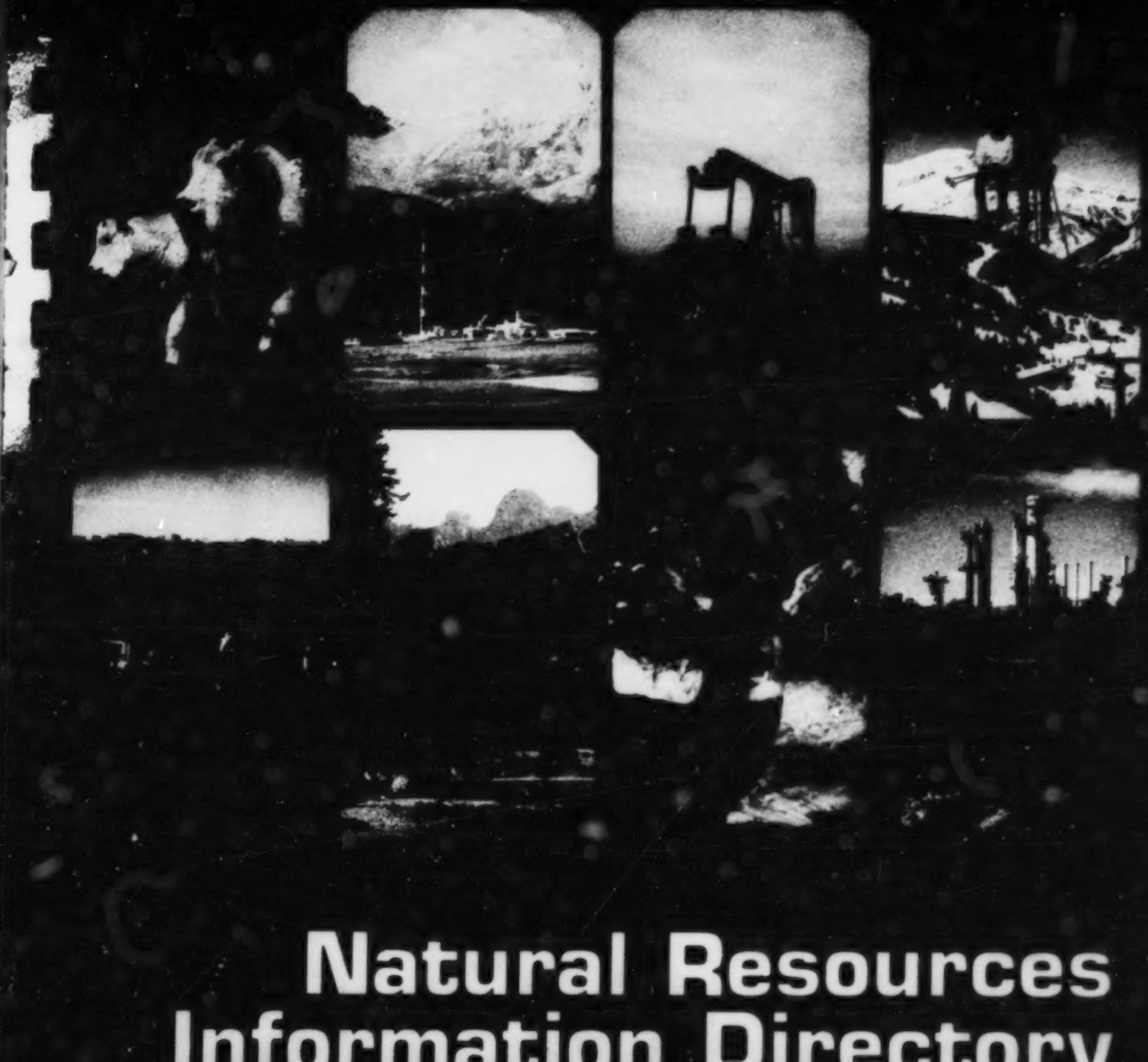

Natural Resources Information Directory

1984

Alberta

Natural Resources Information Directory 1984

1984
Edmonton

Alberta
ENERGY AND NATURAL RESOURCES
Resource Evaluation and Planning Division

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Fourth Printing - revised 1981
Fifth Printing - revised 1982
Sixth Printing - revised 1983
Seventh Printing - revised 1984

For additional copies of this Directory, contact:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

or

Alberta Energy and Natural Resources
Information Centre
1st Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3590

PREFACE

The purpose of the **Natural Resources Information Directory** is to provide natural resource and land-related information for Alberta. Since its initial printing, the Directory has expanded in both scope and content. To facilitate update and maintenance of the information base, the Directory has now been computerized. An on-line search capability is now available.

It is our hope that changes made to this publication have improved the usefulness of the Directory; we invite your comment. If you are aware of information that is not included in this publication, please contact us so that we may include it in our next edition.

J.R. Harrower
Director, Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources

For further information regarding on-line search availibility, or for any assistance relating to the Directory, contact:

David Perrin
Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
4th Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-9017

ACKNOWLEDGEMENTS

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Mr. D.W. Perrin for collecting, compiling and the editing the information and for formatting the the Directory.

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The Department also expresses its appreciation to the many individuals and agencies who assisted in the collection and updating of information for inclusion in the Directory.

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Provincial Parks Inventory Manual File 303
Restricted Areas Manual File (Geophysical Exploration) 304
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Sediment Data Manual File 312
Seismic Statistics Manual File 313
Silviculture Computer File 313
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HOW TO USE THE NATURAL RESOURCES INFORMATION DIRECTORY

The **Natural Resources Information Directory 1984** is an updated version of the 1983 Directory. All information listed is publically available, except where noted. Entries have been arranged alphabetically within six general information categories:

1. Information Guide

The purpose of this section is to provide the user with an understanding of the content of the directory and how to access this information. Also contained within this section are addresses for map and air photo distribution outlets, land registration districts, research stations and institutions, information centres, and Alberta government libraries containing natural resource information.

2. Legislative Statutes

Referenced within this information category are all statutes and regulations pertaining to the natural resources of Alberta.

3. Maps

All map collections and reports, in which the primary source of information is the map itself, have been referenced within this section. Areal coverage within the province, where known, has been indicated to the nearest 1:250 000 National Topographic System (NTS) map sheet, in some instances, the nearest 1:50 000 NTS map sheet. Where there are a large number of maps and/or reports available for a given subject, a key map is usually provided to delineate individual project areas.

4. Reports and Bibliographies

Reports pertaining to the natural resources of the province, usually accompanied by maps, have been included in this section. Areal coverage, to the nearest 1:250 000 NTS map sheet, has been included where known. Municipal planning information is also included.

5. Resource Files and Data Bases

Referenced within this information category are natural resource related data bases and resource information collections that are available either as paper or computer files.

6. Bibliographies, Indexes, Directories and Catalogues

Listed in this section are references to publications that relate directly to the natural resources of Alberta.

Access to information within the Directory has been facilitated by the inclusion of a KWOC index. Information has been arranged so that access can not only be attained through key words, but through originating agency and the 1:250 000 NTS reference system. It should be noted, however, that the extent of coverage within the area is not indicated.

Information received after December 31, 1983 does not appear in the 1984 Directory but will appear in subsequent editions.

ALBERTA GOVERNMENT LIBRARIES CONTAINING NATURAL RESOURCES INFORMATION

The following Alberta government libraries are presented under four headings: Edmonton, Calgary, Other Alberta, and Film and Photo libraries. This conforms to the **Directory of Alberta Government Libraries** 22nd Revised Edition, June 1983, prepared by the Alberta Legislature Library.

Edmonton Libraries

Agriculture Library
Main Floor, Agriculture Bldg.
7000-113th Street
Edmonton, Alberta
T6H 5T6 (403) 427-2104

Culture Library
11th Floor, CN Tower
10004-104th Avenue
Edmonton, Alberta
T5J 0K5 (403) 427-2571

Economic Development Library
11th Floor, Pacific Plaza
10909-Jasper Avenue
Edmonton, Alberta
T5J 3M8 (403) 427-4957

Education Library Services
4th Floor, Devonian Bldg.
West Tower
11160 Jasper Avenue
Edmonton, Alberta
T5K 0L2 (403) 427-2985

Education
Edmonton Regional Office
Resource Centre
3rd Floor,
Edwards Professional Bldg.
10053-111th Street
Edmonton, Alberta
T5K 2H8 (403) 427-2952

Education
Northern Materials Resource
Centre
1st Floor,
Edwards Professional Bldg.
10053-111th Street
Edmonton, Alberta
T5K 2H8 (403) 427-4681

Energy and Natural Resources
Library
9th Floor, South Tower,
Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425
Environment Library
14th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

Environment Council of
Alberta, Library
8th Floor, Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

Federal and Intergovernmental
Affairs Library
14th Floor, 7th Street Plaza,
South Tower
10030-107th Street
Edmonton, Alberta
T5J 3E4 (403) 427-2614

Historical Resources Library
12845-102nd Avenue
Edmonton, Alberta
T5N 0M6 (403) 427-1750

Historical Resources
Historical Sites Library
Old St. Stephen's College
8820-112th Street
Edmonton, Alberta
T6G 2J6 (403) 427-2023

Housing Library
4th Floor, 112 Professional
Centre
10050-112th Street
Edmonton, Alberta
T5K 2J1 (403) 427-8144

Legislature Library
216 Legislature Building
Edmonton, Alberta
T5K 2B6 (403) 427-2473

Municipal Affairs Library
9th Floor, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4829
or (403) 427-4850

Ombudsman Library
1630 Phipps-McKinnon Building
10020-101stA Avenue
Edmonton, Alberta
T5J 3G2 (403) 427-2756

Public Affairs Bureau
Bibliography Section Library
11510-Kingsway Avenue
Edmonton, Alberta
T5G 2Y5 (403) 427-4387

Public Works Library
17th Floor, College Plaza,
Tower 3
8215-112th Street
Edmonton, Alberta
T6G 5A9 (403) 427-3819

Public Works Supply and Services
Departmental Library
Main Floor, PWSS Building
6950-113th Street
Edmonton, Alberta
T6H 5V7 (403) 427-2353

Recreation and Parks Library
7th Floor, Standard Life Building
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-7638

Alberta Research Council
Library Services - Main
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666
ext 252

Social Services and Community
Health Library
6th Floor, 7th Street Plaza,
South Tower
10030-107th Street
Edmonton, Alberta
T5J 3E4 (403) 427-6412

Solicitor General Library
5th Floor, Melton Building
10310-Jasper Avenue
Edmonton, Alberta
T5J 2W4 (403) 427-3421

Tourism and Small Business
Library
15th Floor,
Capitol Square Building
10065-Jasper Avenue
Edmonton, Alberta
T5J 0H4 (403) 427-3299

Transportation Library
159 Transportation Building
9630-106th Street
Edmonton, Alberta
T5K 2B8 (403) 427-8802
or (403) 427-8803

Treasury Library
404 Terrace Building
9515-107th Street
Edmonton, Alberta
T5K 2C3 (403) 427-7595

Treasury Bureau of Statistics
7th Floor,
Sir Frederick W. Haultain Building
9811-109th Street
Edmonton, Alberta
T5K 0C8 (403) 427-3058 ext. 24

Utilities and Telephone Library
5th Floor, Westcor Building
12323-Stony Plain Road
Edmonton, Alberta
T5N 3Y9 (403) 427-0039

Calgary Libraries

Access Alberta
Media Resource Centre
295-Midpark Way S.E.
Calgary, Alberta
T2X 2A8 (403) 283-8241

Agriculture Branch Library
Horse Industry Branch
205 Agri-Mart Building
2003-McKnight Boulevard, N.E.
Calgary, Alberta
T2E 6L2 (403) 276-7775
161-7775 (RITE)

Energy Resources Conservation
Board, Library
640-5th Avenue S.W.
Calgary, Alberta
T2P 3G4 (403) 297-7308

Petroleum Marketing
Commission, Library
1900, 250-6th Avenue, S.W.
Calgary, Alberta
T2P 3H7 (403) 262-8808

Other Alberta Libraries

Airdrie

Agriculture Branch Library
Airdrie Regional Office
Regional Agricultural Centre
Bag Service #1
Airdrie, Alberta
T0M 1B0 (403) 948-5101
161-0111(RITE)

Barrhead
Agriculture Branch Library
Barrhead Regional Office
Box 1540
Barrhead, Alberta
T0G 0E0 (403) 674-3351
134-1011(RITE)

Brooks
Agriculture Centre
Agriculture Branch Library
Horticultural Research Centre
Brooks, Alberta
T0J 0J0 (403) 362-3391
167-1101(RITE)

Drumheller

Historical Resources
Tyrell Museum of
Palaeontology Library
Box 7500
Drumheller, Alberta
T0J 0Y0 (403) 823-7707
167-1171(RITE)

Fairview

Agriculture Branch Library
Fairview, Regional Office
Box 7777
Fairview, Alberta
T0H 1L0 (403) 835-2291

Agriculture Branch Library
Fairview Veterinary Labs
Box 197
Fairview, Alberta
T0H 1L0 (403) 835-2238
120-1011(RITE)

Lacombe

Agriculture Branch Library
Field Crops Branch
Agriculture Building
Lacombe, Alberta
T0C 1S0 (403) 782-4641

Lethbridge

Agriculture Branch Library
Irrigation and Conservation
Division
Agriculture Centre
Lethbridge, Alberta
T1J 4C7 (403) 329-5146
181-5146(RITE)

Agriculture Branch Library
Lethbridge Regional Office
Lethbridge, Alberta
T1J 4C7 (403) 329-5133
181-5133(RITE)

Olds

Agriculture Branch Library
Farm Business Management Branch
Provincial Building
5030-50th Street
Box 2000
Olds, Alberta
T0M 1P0 (403) 556-8421
154-1240(RITE)

Red Deer

Agriculture Branch Library
Red Deer Regional Office
4747-50th Street
Red Deer, Alberta
T4N 5Y5 (403) 343-5322
151-5322(RITE)

Vegreville

Alberta Environmental Centre
Library
Bag 4000
Vegreville, Alberta
T0B 4L0 (403) 632-6767

Vermilion

Agriculture Branch Library
Vermilion Regional Office
Box 330
Vermilion, Alberta
T0B 4M0 (403) 853-2811
141-1310(RITE)

Wetaskiwin

Agriculture Branch Library
Dairy Division
Provincial Building
5201-50th Avenue
Wetaskiwin, Alberta
T9A 0S7 (403) 352-1223
144-1223(RITE)

Film and Photo Libraries

Agriculture, Communications
Division Library
7000-113th Street
Edmonton, Alberta
T6H 5T6 (403) 427-2127

Energy and Natural Resources
Alberta Bureau of
Surveying and Mapping
Map and Air Photo
Reference Library
2nd Floor, North Tower,
Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 1G6 (403) 427-7417

Provincial Film Library
11510 Kingsway Avenue
Edmonton, Alberta
T5G 2Y5 (403) 427-4364

ALBERTA TOPOGRAPHIC MAP DEALERS

The following distribution offices are, for the most part, private sector distribution outlets which have distributed topographic maps over the past few years as part of the federal distribution network.

Banff

Banff Book and Art Den
123 Banff Avenue
Box 1420
Banff, Alberta T2P 1V6
T0L 0C0

Superintendent
Banff National Park
P.O. Box 900
Banff, Alberta
T0L 0C0

Monod Sports
Harmony Lane
Box 310
Banff, Alberta
T0L 0C0

The Alpine Club of Canada
P.O. Box 1026
Banff, Alberta
T0L 0C0

Canadian Mountain
Holidays Ltd.
213 Bear Street
P.O. Box 1660
Banff, Alberta
T0L 0C0

Calgary

Boy Scouts of Canada
Calgary Regional Council
2140 Brownsea Drive, S.W.
Box 3247
Calgary, Alberta
T2M 4L8

Prairie N Peak
Recreation Outfitters Ltd.
223A 10 Street, N.W.
Calgary, Alberta
T2N 1V5

The Hostel Shop
1414-Kensington Road, N.W.
Calgary, Alberta
T2N 3P9

Hittel's Maps Books and Charts
2nd Floor, 309-2nd Avenue, S.W.
Calgary, Alberta
T2P 1A5
Carter Mapping Ltd.
Pembina Place
1035-7th Avenue, S.W.
Calgary, Alberta

Cardston

Akamina Gifts Ltd.
P.O. Box 1620
Cardston, Alberta
T0K 0K0

Edmonton

Western Remote Sensing Ltd.
Room 10, Hangar No.8A
Municipal Airport
Edmonton, Alberta
R5G 2Z3

Alberta Energy and Natural
Resources
Alberta Bureau of Surveying
and Mapping
2nd Floor, North Tower,
Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2C9

Mapping Office
Alberta Bureau of Surveying
and Mapping
50th Street Atria
4949-94B Avenue
Edmonton, Alberta
T6B 2T5

The Map Store
North West Survey Ltd.
Deville Building
17203-103rd Avenue
Edmonton, Alberta
T5S 1J4

Bookstore
University of Alberta
New Students Union Building
The University of Alberta
Edmonton, Alberta
T6J 2J7

Jerry Bricker's Frontier
Fishing Lodge
P.O. Box 4550
Edmonton, Alberta
T6E 5G4

Grande Prairie

Grande Prairie Hot Air
Balloon Events Association
P.O. Box 212
Grande Prairie, Alberta
T8V 3A4

Jasper

Superintendent
Jasper National Park
Parks Canada
P.O. Box 10
Jasper, Alberta
T0E 1E0

Lethbridge

Boy Scouts of Canada
Southern Alberta Region
217-12th Street A, South
Lethbridge, Alberta
T1J 2S9

Medicine Hat

The Bookshop
417-3rd Street, S.E.
Medicine Hat, Alberta
T1A 0G8

Pincher Creek

Jackson Brother's Centre Ltd.
P.O. Box 730
Pincher Creek, Alberta
T0K 1W0

Outwest Sports Ltd.
988 Main Street
P.O. Box 2260
Pincher Creek, Alberta
T0K 1W0

Waterton Park

Environment Canada - Parks
Waterton Lakes National Park
Waterton Park, Alberta
T0K 2M0

Waterton Natural History
Association
P.O. Box 145
Waterton Park, Alberta
T0K 2M0

LAND REGISTRATION DISTRICTS

For land registration purposes, the province is divided into two areas, as indicated on the adjoining map.

The North Alberta Registration District Office is located at:

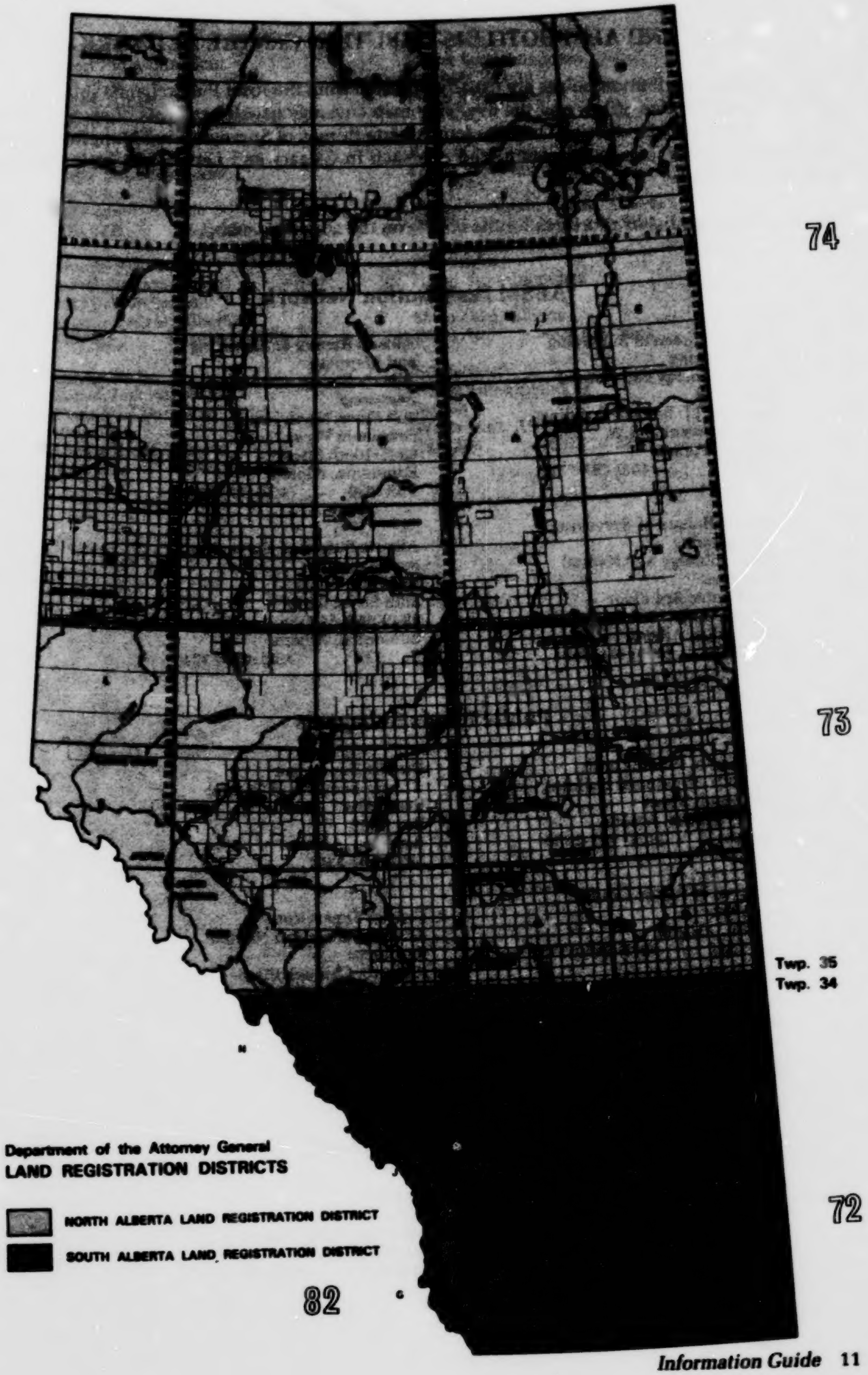
Land Titles Building
10218-100th Street
Edmonton, Alberta
T5J 2T3 (403) 427-7474

The South Alberta Registration District Office is located at:

J.J. Bowlen Building
620-7th Avenue, S.W.
Calgary, Alberta
T2P 0Y8 (403) 297-6517

Alberta Energy and Natural Resources personnel may obtain assistance in securing land titles office information from:

Documentation Section
Program Support Branch
Public Lands Division
Alberta Energy and Natural Resources
2nd Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-3509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Twp. 35
Twp. 34
N
Department of the Attorney General
LAND REGISTRATION DISTRICTS
▨ NORTH ALBERTA LAND REGISTRATION DISTRICT
■ SOUTH ALBERTA LAND REGISTRATION DISTRICT
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MAP AND AIR PHOTO DISTRIBUTION CENTRE NETWORK

These satellite distribution points are usually operated from the local Public Lands subagency or Alberta Forest Service office, and the available map coverage usually consists of section sheets covering that particular district. Only the four Alberta Bureau of Surveying and Mapping (ABSM) distribution offices (two in Edmonton and one each in Calgary and Lethbridge) have complete provincial coverage.

The following is a list of addresses for the circles on the adjoining map.

ABSM Distribution Network

Alberta Bureau of Surveying
and Mapping
Alberta Energy and Natural
Resources
Rm. 804, J.J. Bowlen Building
620-7th Avenue, S.W.
Calgary, Alberta
T2P 0Y8 (403) 297-7389

Alberta Bureau of Surveying
and Mapping
Alberta Energy and Natural
Resources
Sun Center, 3rd Floor
530-8th Street, South
Lethbridge, Alberta
T1J 2J8 (403) 329-5424

Alberta Bureau of Surveying
and Mapping
Alberta Energy and Natural
Resources
2nd Floor, North Tower,
Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403)427-3520

Alberta Bureau of Surveying
and Mapping
Mapping Office
50th Street Atria
4949-94B Avenue
Edmonton, Alberta
T6B 2T5 (403) 427-7374

Public Lands Subagents

Subagent of Public Lands
Rm. 3001, Provincial Building
10320-99th Street
Grande Prairie, Alberta
T8V 6S4 (403) 539-2260

Subagent of Public Lands
Box 1959
St. Paul, Alberta
T0A 3A0 (403) 645-6336

Subagent of Public Lands
Bag 900, Box 35
Provincial Building
Peace River, Alberta
T0H 2X0 (403) 624-6116

District Supervisor
Alberta Energy and Natural
Resources
Box 1660
Barrhead, Alberta
(403) 674-3351

District Supervisor
Alberta Energy and Natural
Resources
Rm. 116, Chinook Place
623-4th Street, S.E.
Medicine Hat, Alberta
(403) 529-3677

Forest Superintendents

Athabasca
Forest Superintendent
Alberta Forest Service
168 Airport Road
Fort McMurray, Alberta
T9H 4P1 (403) 743-7125

Bow/Crow
Forest Superintendent
Box 3310, Postal Station B
Calgary, Alberta
T2M 4L8 (403) 297-6261

Edson
Forest Superintendent
Box 1420
Edson, Alberta
T0E 0P0 (403) 723-3391

Footner Lake
Forest Superintendent
Bag 900
High Level, Alberta
T0H 1Z0 (403) 926-3761

Grande Prairie
Forest Superintendent
10811-84th Avenue
Grande Prairie, Alberta
T8V 3J2 (403) 539-2390

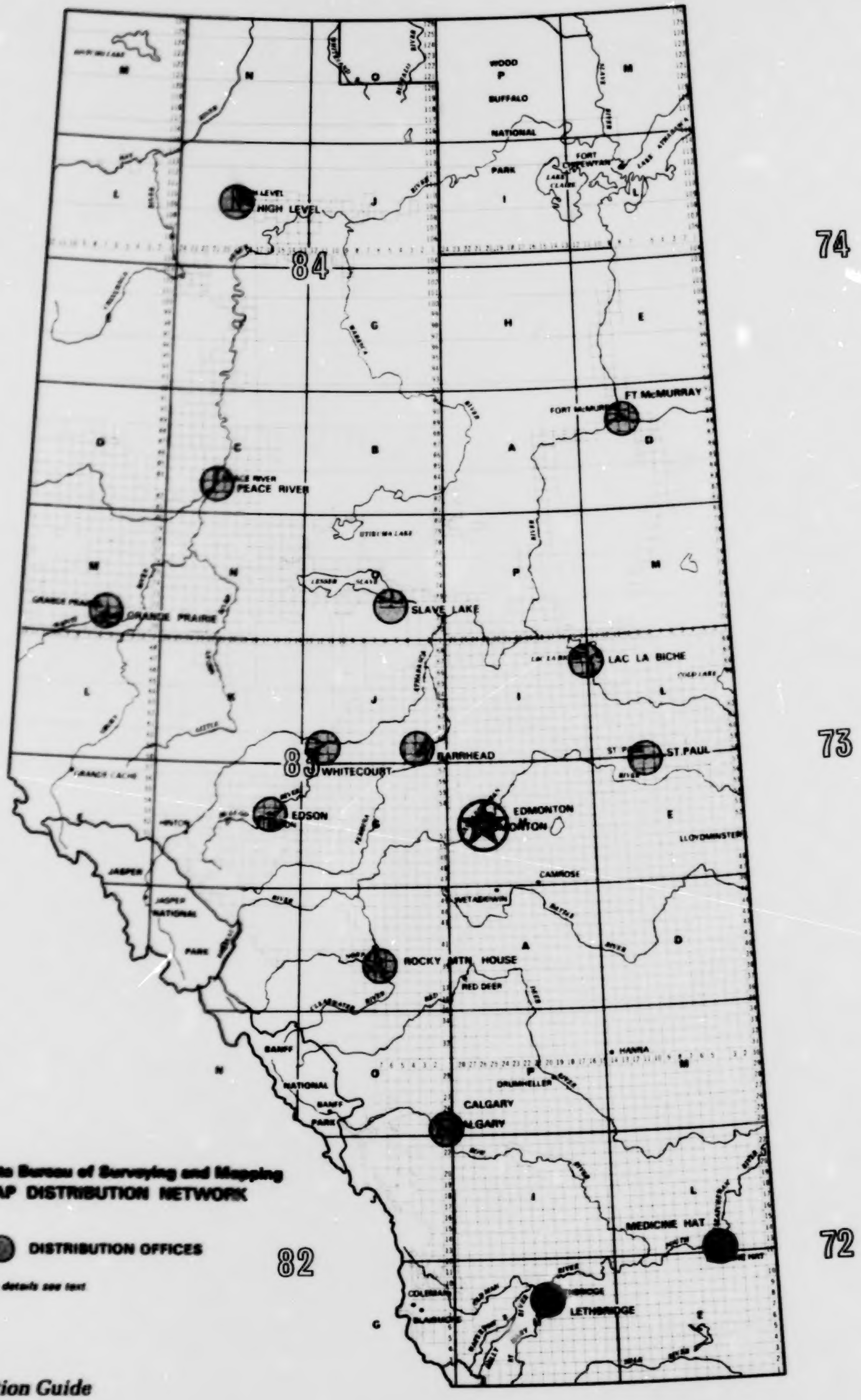
Lac La Biche
Forest Superintendent
Provincial Building
Box 450
Lac La Biche, Alberta
T0A 2C0 (403) 623-4411

Peace River
Forest Superintendent
Bag 900, Box 39
Peace River, Alberta
T0H 2X0 (403) 624-6221

Rocky/Clearwater
Forest Superintendent
Box 1720
Rocky Mountain House, Alberta
T0M 1T0 (403) 845-3003

Slave Lake
Forest Superintendent
Box 390
Slave Lake, Alberta
T0G 2A0 (403) 849-3061

Whitecourt
Forest Superintendent
Bag 30
Whitecourt, Alberta
T0B 2L0 (403) 778-2256



WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
HIGH LEVEL
84
74
FT McMURRAY
FORT McMURRAY
PEACE RIVER
GRANDE PRAIRIE
SLAVE LAKE
LESSER SLAVE
UTIKUMA LAKE
LAC LA BICHE
83
73
WHITECOURT
BARRHEAD
ST. PAUL
EDSON
HINTON
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
WETASKIWIN
ROCKY MTN. HOUSE
RED DEER
BANFF NATIONAL PARK
BANFF
HANNA
DRUMHELLER
CALGARY
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LETHBRIDGE
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BLAIRMORE
DISTRIBUTION OFFICES
For details see text

Alberta Bureau of Surveying and Mapping
MAP DISTRIBUTION NETWORK

RESEARCH STATIONS, INSTITUTIONS AND INFORMATION CENTRES

This following addresses are for agencies involved in research pertaining to the natural resources of Alberta.

Agriculture Canada
Research Station
P.O. Box 29
Beaverlodge, Alberta
T0H 0C0 (403) 343-2212

Agriculture Canada
Research Station
Lacombe, Alberta
T0C 1S0

Agriculture Canada
Research Station
Lethbridge, Alberta
T1J 4B1 (403) 327-4561

Alberta Agriculture
Agriculture Research Station
Falher, Alberta
T0H 1M0

Alberta Agriculture
Irrigation Research Station
Taber, Alberta
T0K 2G0

Alberta Agriculture
Research Station
Olds, Alberta
T0M 1P0

Alberta Agriculture
Research Station
Cardston, Alberta
T0K 0K0

Alberta Energy and Natural
Resources Information Centre
1st Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3590

Alberta Energy and Natural Resources
Alberta Forest Service
Forest Research Branch
Postal Bag 6343
Spruce Grove, Alberta
T0E 2C0 (403) 962-8700

Alberta Environmental Centre T2N 1N4
Bag 4000
Vegreville, Alberta
T0B 4L0 (403) 632-6767

Alberta Institute of Pedology
Rm.438, Earth Sciences Building
University of Alberta
Edmonton, Alberta
T6G 2E3

Alberta Oil Sands Environmental
Research Program
Research Management Division
Alberta Environment
14th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5K 3N4 (403) 427-3946

Alberta Oil Sands Information
Centre
Alberta Research Council
6th Floor, Highfield Place
10010-106th Street
Edmonton, Alberta
T5J 3L8 (403) 427-8382

Alberta Oil Sand Technology
and Research Authority
5th Floor, Highfield Place
10010-106th Street
Edmonton, Alberta
T5J 3L8 (403) 427-7623

Alberta Remote Sensing Centre
11th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6

Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Alberta Sulfur Research Ltd.
Dr. James B. Hyme
University of Calgary
Calgary, Alberta
(403) 284-5372

Arctic Institute of North
America
2920-24th Avenue, N.W.
Calgary, Alberta

Boreal Institute of Northern Studies
CW 401, Biological Sciences Building
University of Alberta
Edmonton, Alberta
T6G 2E9 (403) 432-4409

Brooks Wildlife Centre
Bag 1540
Brooks, Alberta
T0J 0J0

Canadian Plains Research Centre
University of Regina
Regina, Saskatchewan
S4S 0A2

Canmet Mining Research Labs
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7

Coal Mining Research
Dr. K. Barron
University of Alberta
Edmonton, Alberta

Coal Technology Information Centre
Alberta Research Council
11315-87th Avenue
Edmonton, Alberta
T6G 2C2 (403) 439-5916

Computer Modelling Group
Dr. Khalid Aziz
3512-33rd Street, N.W.
Calgary, Alberta
T2L 2A6 (403) 432-5147

Earth and Planetary Physics Institute
516 Physics Building
University of Alberta
Edmonton, Alberta
T6G 2J1 (403) 432-3521

Edmonton Research Station
(University Research Farm)
Building F33
Parkland Farm
University of Alberta
Edmonton, Alberta

Fish and Wildlife Research
O.S. Longman Building
6909-116th Street
Edmonton, Alberta
T6H 4P2 (403) 436-8240

Forest Resources Research
Department of Forest Science
Faculty of Agriculture and Forestry
817 General Services Building
University of Alberta
Edmonton, Alberta
T6G 2H1 (403) 432-4413

Groundwater Resources Information Services,
Alberta Environment
4th Floor, Energy Square
10109-106th Street
Edmonton, Alberta
T5J 1H3 (403) 427-4483
or (403) 427-4484

Horticultural Research Centre
Brooks, Alberta
T0J 0J0

Institute of Sedimentary and Petroleum Geology
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7

Institute for Transportation Studies
Dr. Everett Johnston
University of Calgary
Calgary, Alberta
(403) 284-7165

International Microwave Power Institute
Mr. R.P. Halpern
551 Civil Engineering Building
University of Alberta
Edmonton, Alberta

Kananaskis Centre for Environmental Research
General Delivery
Seebe, Alberta
T0L 1Z0 (403) 284-5271

Kinsella Research Ranch
Box 120
Kinsella, Alberta
T0B 2N0

Northern Forest Research Centre
Canadian Forestry Service
5320-122nd Street
Edmonton, Alberta
T6H 3S5 (403) 435-7210

Nuclear Research Centre
Dr. G.C. Neilson
University of Alberta
Edmonton, Alberta
T6G 2N5 (403) 432-4170

Mineral Exploration Sample Storage
Mr. John Wilson
Alberta Geological Survey
Alberta Research Council
3rd Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

Petroleum Recovery Institute
Mr. Peter Benn
3512-33rd Street, N.W.
Calgary, Alberta
T2L 2A6 (403) 282-1231

Solar and Wind Energy
Provincial Tree Nursery
R.R.6
Edmonton, Alberta
T5B 4K3

River Forecast Centre
Alberta Environment
Technical Services Division
Water Survey Section
10th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6279

Soil Science
Ellerslie Research Station
R.R.3, South Edmonton
(403) 988-5454

Research Information Centre
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

RESOURCE EVALUATION AND PLANNING DIVISION REGIONAL OFFICES

The following addresses, for the regional resource coordinators of the Resource Evaluation and Planning Division, are provided as a contact for individuals, both from government and the private sector, requiring information on current and ongoing regional resource inventory and planning projects.

Regional Resource Coordinator
North East Region
Eldorado Building
4914-51st Avenue
St. Paul, Alberta
T0A 3A0 (403) 645-6230
T0A 3A0 (RITE) 139-1239

Regional Resource Coordinator
Southern Region
3rd. Floor, Sun Centre Building
530-8th Street, South
Lethbridge, Alberta
T1J 2J8 (403) 329-5430
(RITE) 181-5430

Regional Resource Coordinator
Eastern Slopes Region
2nd. Floor, Mountain Ridge Plaza
4912-50th Street
Rocky Mountain House, Alberta
T0M 1T0 (403) 845-3374
(RITE) 150-1177

Regional Resource Coordinator
Peace River Region
New Provincial Building
9621-96th Avenue
Peace River, Alberta
T0H 2X0 (403) 624-6402
(RITE) 120-6402

LEGISLATIVE STATUTES

Details: The legislative statutes that govern Alberta's land and natural resources are presented on the following pages. The administering Department, agency or individual, for each of the Acts, along with the pertinent Regulations, are also included. The Acts and Regulations listed are available from the Alberta Public Affairs Bureau, Publication Services. The addresses are listed below.

File Size: 104 Acts and 156 Regulations

Project Duration: N/A

Frequency of Update: Varies with Act and Regulation.

Source: Legislative Assembly of Alberta

Location: Copies of individual acts and regulations are available for a small fee from:

Publication Services
Alberta Public Affairs Bureau
11510 Kingsway Avenue
Edmonton, Alberta
T5G 2Y5 (403) 427-4952
or (403) 427-4971

or

Publication Services
Alberta Public Affairs Bureau
601, J.J. Bowlen Building
620-7th Avenue, S.W.
Calgary, Alberta
T2P 0Y8 (403) 297-6251

Statutes and regulations governing the province of Alberta are available in most Alberta libraries.

1. AGRICULTURAL CHEMICALS ACT. Administered by Alberta Department of Environment. Chapter A-6-R.S.A., 1980. 15 pages.

   REGULATIONS:

   a. Pesticide Applicator Licencing Application. Regulation 214/1980. 5 pages

   b. Pesticide Sales, Use and Handling Regulation. Regulation 213/1980. 43 pages. Also include Regulation 312/81.

2. AGRICULTURAL DEVELOPMENT ACT. Administered by Alberta Department of Agriculture. Chapter A-7-R.S.A., 1980.

3. AGRICULTURAL PESTS ACT. Administered by Alberta Department of Agriculture. Chapter A-8-R.S.A., 1980. 11 pages.

   REGULATIONS:

   a. Bacterial Ring Rot Control Regulations. Regulation 32/1980. 3 pages.

   b. Warble Fly Control Regulations. Regulation 78/1975. 4 pages. Also include Regulation 350/78.

4. AGRICULTURAL AND RECREATIONAL LAND OWNERSHIP ACT. Administered by Associate Minister of Public Lands and Wildlife. Alberta Energy and Natural Resources. Chapter 1, 1977. Amended by 236/82.

5. AGRICULTURAL RELIEF ADVANCES ACT. Administered by Alberta Department of Municipal Affairs. Chapter A-10-R.S.A., 1980. 12 pages.

6. AGRICULTURAL SERVICE BOARD ACT. Administered by Alberta Department of Agriculture. Chapter A-11-R.S.A., 1980. Amended by Chapter 41/81

7. AGRICULTURAL SOCIETIES ACT. Administered by Alberta Department of Agriculture. Chapter A-12-R.S.A., 1980. 14 pages. Amended by Chapter 2 (Supp.) R.S.A., 1980.

8. AGRICULTURAL STATUTES AMENDMENT ACT. Administered by Alberta Department of Agriculture. Chapter 55-R.S.A., 1974.

9. AGROLOGIST ACT. Administered by Alberta Department of Agriculture. Chapter A-12-R.S.A., 1980. 11 pages.

   REGULATIONS:

   a. By-laws of the Alberta Institute of Agrologists. Regulation 376/1967. 11 pages. Also include Regulation 107/81.

10. ALBERTA AGRICULTURAL RESEARCH TRUST ACT. Administered by Alberta Department of Agriculture. Chapter A-14-R.S.A., 1980. 3 pages.

11. ALBERTA - BRITISH COLUMBIA BOUNDARY ACT. Administered by Alberta Department of the Attorney General. Charter 5, 1974.

12. ALBERTA ENERGY COMPANY ACT. Administered by Alberta Department of Treasury. Chapter A-19-R.S.A.,1980. 20 pages. Amended by Chapters 2/81 and 3/83.

13. ALBERTA ENVIRONMENTAL RESEARCH TRUST ACT. Administered by Alberta Department of the Environment. Chapter A-20-R.S.A., 1980. 3 pages. Amended by Chapter 67/81.

14. ALBERTA NATURAL RESOURCES ACT. Chapter 21, 1930. 9 pages. Amended by Chapters 5/31, 14/38, 72/41, 2/46, 3/51 and 57/62.

15. ALBERTA - NORTHWEST TERRITORIES BOUNDARY ACT. Chapter 1, 1957.

16. ALBERTA RESEARCH COUNCIL ACT. Administered by the Hon. Mr. Lougheed. Chapter A-35.1, 1981. 5 pages.

17. ALBERTA - SASKATCHEWAN BOUNDARY ACT. Administered by the Alberta Department of Energy and Natural Resources. Chapter 96, 1939.

18. BORDER AREAS ACT. Administered by Alberta Department of Municipal Affairs. Chapter B-9-R.S.A., 1980. 4 pages.

19. BOUNDARY SURVEYS ACT. Administered by Associate Minister of Public Land and Wildlife; Alberta Department of Energy and Natural Resources. Chapter B-10-R.S.A., 1980. 4 pages.

20. BRAZEAU RIVER DEVELOPMENT ACT. Administered by Alberta Department of the Environment. Chapter 10, 1960. 3 pages.

21. CLEAN AIR ACT. Administered by Alberta Department of the Environment. Chapter C-12-R.S.A., 1980. 18 pages.

    REGULATIONS:

    a. Clean Air General Regulation. Regulation 216/1975. 5 pages. Also include Regulation 342/82.
    b. Clean Air Regulations. Regulation 33/1973. 6 pages.
    c. Maximum Levels Regulations. Regulation 218/1975. 12 pages. Also include Regulation 319/79.
    d. Stop Order Appear Regulations. Regulation 9/1974. 2 pages.

22. CLEAN WATER ACT. Administered by Alberta Department of the Environment. Chapter C-13-R.S.A, 1980. 22 pages.

    REGULATIONS:

    a. Clean Water General Regulations. Regulation 35/1973. 6 pages. Also include Regulation 384/79.
    b. Industrial Plants Regulations. Regulation 36/1973. 6 pages.
    c. Municipal Plants. Regulation 37/1973. 12 pages. Also include Regulation 83/82.
    d. Stop Order Appeal Regulations. Regulation 9/1074. 2 pages.

23. COAL CONSERVATION ACT. Administered by Alberta Energy Resources Conservation Board and the Alberta Department of the Environment. Chapter C-13-R.S.A., 1980. 22 pages. Amended by Chapter 13/82.

24. COAL MINES SAFETY ACT. Administered by Alberta Energy Resources Conservation Board and the Alberta Department of the Environment. Chapter C-15-R.S.A., 1980. 23 pages.

REGULATIONS:

a. Coal Mines Safety Regulation. Regulation 333/1975. 141 pages. Also include Regulation 354/77.

25. COAL SALES ACT. Administered by Alberta Energy Resources Conservation Board. Chapter C-16-R.S.A., 1980. 2 pages.

26. COUNTY ACT. Administered by Alberta Department of Municipal Affairs. Chapter C-27 R.S.A., 1980. 17 pages.

27. CROWN CULTIVATION LEASES ACT. Administered by Associate Deputy Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter C-36-R.S.A., 1980. 4 pages.

28. CROWSNEST PASS MUNICIPAL UNIFICATION ACT. Administered by Alberta Department of Municipal Affairs. Chapter C-39-R.S.A., 1980. 9 pages.

29. DEPARTMENT OF AGRICULTURE ACT. Administered by Alberta Department of Agriculture. Chapter D-12-R.S.A., 1980. 6 pages. Amended by Chapter 11/81.

30. DEPARTMENT OF THE ATTORNEY GENERAL ACT. Administered by the Alberta Department of the Attorney General and the Solicitor General. Chapter D-13-R.S.A., 1980. 8 pages.

31. DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS ACT. Administered by Alberta Department of Consumer and Corporated Affairs. Chapter D-14-R.S.A., 1980. 4 pages.

32. DEPARTMENT OF CULTURE ACT. Administered by the Alberta Department of Culture. Chapter D-15-R.S.A., 1980. 5 pages.

33. DEPARTMENT OF ECONOMIC DEVELOPMENT ACT. Administered by Alberta Department of Economic Development. Chapter D-16-R.S.A., 1980. 4 pages. Amended by Chapter 22/83.

REGULATIONS:

a. Economic Development Grant Regulations. Regulation 262/1979. 8 pages. Also include Regulation 66/83.

34. **DEPARTMENT OF ENERGY AND NATURAL RESOURCES ACT. Administered by Alberta Department of Energy and Natural Resources and Associate Minister of Public Lands and Wildlife Chapter D-18-R.S.A., 1980. 3 pages. Amended by Chapter 24/83.**

REGULATIONS:

a. Exploratory Drilling Incentive Regulation, 1981. Regulation 212/1981. 16 pages. Also include Regulation 89/83.

b. Geophysical Incentive Program Regulations. Regulation 35/1975. 12 pages. Also include Regulation 135/79, amended by 240/79 and 419/82.

c. Geophysical Incentive Program Regulations, 1978. Regulation 171/1978. 12 pages. Also include Regulation 280/79, amended by 420/82.

d. Geophysical Incentive Program Regulations, 1980. Regulation 148/1980. 9 pages. Amended by Regulation 421/82.

e. Geophysical Incentive Program Regulations, 1981. Regulation 213/1981. 14 pages. Also include Regulation 90/83.

f. Public Grazing Lands Range Improvement Regulation. Regulation 221/1980. 3 pages.

35. DEPARTMENT OF THE ENVIRONMENT ACT. Administered by Alberta Department of the Environment. Chapter D-19-R.S.A., 1980. 17 pages. Amended by Chapter 67/81.

REGULATIONS:

a. Stop Order Appeal Regulations. Regulation 9/1974. 2 pages.

36. DEPARTMENT OF FEDERAL AND INTERGOVERNMENTAL AFFAIRS. Administered by Alberta Department of Federal and Intergovernmental Affairs. Chapter D-20-R.S.A., 1980. 4 pages.

37. DEPARTMENT OF MUNICIPAL AFFAIRS ACT. Administered by Alberta Department of Municipal Affairs. Chapter D-25-R.S.A., 1980. 6 pages.

38. DEPARTMENT OF RECREATION AND PARKS ACT. Administered by Alberta Department of Recreation and Parks. Chapter D-26-R.S.A., 1980. 4 pages.

REGULATIONS:

a. Department of Recreation and Parks Grants Regulations. Regulation 235/1975. 10 pages. Also include Regulation 361/82.

b. Recreation Grant Regulation (Project Co-operation, 1977). Regulation 304/1976. 10 pages. Also include Regulation 363/82.

c. Recreation Grant Regulations (Major Facilities, 1977). Regulation 303/1976. 9 pages. Also Include Regulation 362/82.

39. DEPARTMENT OF TOURISM AND SMALL BUSINESS ACT. Administered by the Alberta Department of Tourism and Small Business. Chapter D-29-R.S.A., 1980. 4 pages.

REGULATIONS:

a. Alberta Heritage Fund Small Business and Farm Interest Shielding Grant Regulation. Regulation 435/1982. 5 pages. Also include Regulation 63/83.

40. DEPARTMENT OF TRANSPORTATION ACT. Administered by Alberta Department of Transportation. Chapter D-30-R.S.A., 1980. 9 pages. Amended by Chapter 26/83.

41. DISASTER SERVICES ACT. Administered by the Hon. Marvin Moore. Chapter D-36-R.S.A., 1980. 10 pages.

42. DRAINAGE DISTRICTS ACT. Administered by Alberta Department of the Environment Chapter D-39-R.S.A., 1980. 67 pages.

REGULATIONS:

a. Forms Regulation. Regulation 471/1981. 14 pages.

43. ELECTRIC POWER AND PIPELINE ASSESSMENT ACT. Administered by Alberta Department of Municipal Affairs. Chapter E-5-R.S.A., 1980. 9 pages.

44. ENERGY RESOURCES CONSERVATION ACT. Administered by Alberta Energy Resources Conservation Board. Chapter E-11-R.S.A., 1980. 15 pages. Amended by Chapter 28/83.

45. ENVIRONMENT COUNCIL ACT. Administered by Alberta Department of the Environment Chapter E-13-R.S.A., 1980. 6 pages.

46. ENVIRONMENT STATUTES AMENDMENT ACT, 1981. Administered by Alberta Department of the Environment. Chapter 67, 1981. 1 page.

47. FISH MARKETING ACT. Administered by Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter F-12-R.S.A., 1980. 6 pages.

REGULATIONS:

a. Fish Marketing Regulations. Regulation 357/1971. 6 pages. Also include Regulation 63/74.

48. FOREST AND PRAIRIE PROTECTION ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter F-14-R.S.A., 1980. 11 pages.

REGULATIONS:

a. Fire Control Zones Regulations. Regulation 102/1975. 7 pages. Also include Regulation 289/79.

b. Fire Protection Wage and Rental Regulation. Regulation 93/1983. 7 pages.

c. Forest and Prairie Area Regulations. Regulation 231/1978. 29 pages. Also include Regulation 101/79.

d. Forest and Prairie Protection Regulations (Part I). Regulation 135/1972. 9 pages. Also include Regulation 290/79.

e. Forest and Prairie Protection Regulations (Part II). Regulation 310/1972. 9 pages. Also include Regulation 297/79.

49. FOREST DEVELOPMENT RESEARCH TRUST FUND ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter F-13-R.S.A., 1980. 3 pages.

50. FOREST RESERVES ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter F-15-R.S.A., 1980. 3 pages.

51. FORESTS ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter F-16-R.S.A., 1980. 18 pages.

REGULATIONS:

a. Exploration Regulations. Regulation 423/1978. 46 pages. Also include Regulation 302/81, amended by Regulation 40/82 and 418/82.

b. Forest Land Use and Management Regulations. Regulation 197/1976. 3 pages. Also include Regulation 291/79.

c. Forest Land Use, Forest Recreation Area and Forest Recreation Trail Regulation. Regulation 343/1979. 24 pages.

d. Forestry Roads and Airstrip Regulations. Regulation 5/1973. 3 pages.

e. Scaling Regulations. Regulation 336/1979. 4 pages.

f. Timber Management Regulations. Regulation 60/1973. 37 pages. Also include Regulation 181/82.

g. Timber Regulation. Regulation 268/1978. 25 pages.

52. FREEHOLD MINERAL RIGHTS TAX ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter F-19-R.S.A., 1980. 10 pages.

REGULATIONS:

a. Exploratory Drilling Incentive Regulation, 1978. Regulation 27/1978. 16 pages. Also include Regulation 126/80, amended by Regulation 471/82.

b. Exploratory Drilling Incentive Regulation, 1981. Regulation 212/1981. 16 pages. Also include Regulation 89/83.

c. Geophysical Incentives Program Regulations. Regulation 35/1975. 12 pages. Also include Regulation 135/79, amended by Regulation 240/79 and 419/82.

d. Geophysical Incentive Program Regulations, 1978. Regulation 171/1978. 12 pages. Also include Regulation 280/79, amended by Regulation 420/82.

e. Geophysical Incentive Program Regulations, 1980. Regulation 148/1980. 9 pages. Amended by Regulation 421/82.

f. Geophysical Incentive Program Regulations, 1981. Regulation 213/1981. 14 pages. Also include Regulation 90/83.

53. FUR FARMS ACT. Administered by Alberta Department of Agriculture. Chapter F-23-R.S.A., 1980. 4 pages.

REGULATIONS:

a. General Fur Farms Regulations. Regulation 225/1960. 3 pages. Also include Regulation 71/82.

54. GAS RESOURCES PRESERVATION ACT. Administered by Alberta Energy Resources Conservation Board. Chapter G-3-R.S.A., 1980. 9 pages. Amended by Chapter 10 (Supp.) R.S.A., 1980.

REGULATIONS:

a. Propane (Removal of) Regulations. Regualtion 447/1978. 1 page.

55. GOVERNMENT LAND PURCHACE ACT. Administered by Alberta Department of Treasury. Chapter G-8-R.S.A., 1980. 5 pages. Amended by Chapter 68/81.

56. GROUND WATER DEVELOPMENT ACT. Administered by Alberta Department of the Environment. Chapter G-11.1-R.S.A., 1980. 8 pages.

REGULATIONS:

a. Ground Water Development Act Form Regulation. Regulation 370/1981. 7 pages.

b. Ground Water Development General Regulation. Regulation 368/1981. 3 pages.

c. Water Well Drilling and Construction Regulation. Regulation 369/1981. 4 pages.

57. HAIL AND CROP INSURANCE ACT. Administered by Alberta Department of Agriculture. Chapter H-1-R S.A., 1980. 23 pages. Amended by Chapter 19/82 and 31/83.

58. HISTORICAL RESOURCES ACT. Administered by Alberta Culture. Chapter H-8-R.S.A., 1980. 25 pages.

REGULATIONS:

a. Archaeological Research Permit Regulation. Regulation 124/1979. 16 pages. Also include Regulation 88/82.

b. Historical Resources Grants Regulations. Regulation 65/1983. 11 pages.

59. HOMESTEAD LEASE LOAN ACT. Administered by Associate Minister of Public Lands and Wildlife Chapter H-9-R.S.A., 1980. 3 pages.

60. HYDRO AND ELECTRIC ENERGY ACT. Administered by Alberta Energy Resources Conservation Board. Chapter H-13-R.S.A., 1980. 24 pages.

61. IMPROVEMENT DISTRICTS ACT. Administered by Alberta Department of Municipal Affairs Chapter I-1-R.S.A., 1980. 17 pages.

62. IRRIGATION ACT. Administered by Alberta Department of Agriculture. Chapter I-11-R.S.A., 1980. 95 pages.

REGULATIONS:

a. Irrigation Seepage Claims Exemption, 1973 Regulations. Regulation 207/1973. 2 pages. Also include Regulation 173/79.

63. IRRIGATION LAND MANAGER ACT. Administered by the Alberta Department of Agriculture. Chapter I-12-R.S.A., 1980. 5 pages.

64. LAND AGENTS LICENCING ACT. Administered by Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter L-2-R.S.A., 1980. 9 pages. Amended by Chapter 52/81.

REGULATIONS:

a. Land Agents Licensing Regulation. Regulation 224/1982. 6 pages.

65. LAND SURFACE CONSERVATION AND RECLAMATION ACT. Administered by Alberta Department of the Environment, the Associate Minister of Public Lands and Wildlife and the Alberta Department of Energy and Natural Resources. Chapter L-3-R.S.A., 1980. 84 pages. Amended by Chapter 23/82 and 46/83.

REGULATIONS:

a. Council's Administrative Jurisdiction Regulation. Regulation 221/1982. 2 pages.

b. Inquiry Procedure Regulation. Regulation 122/1980. Also include Regulation 223/82.

c. Land Conservation Regulations. Regulation 124/1974. 27 pages. Also include Regulation 113/77.

d. Part 3 Administrative Transfer Regulation. Regulation 222/1982. 2 pages.

e. Regulated Coal Surface Operation Regulations. Regulation 170/1974. 13 pages. Also include Regulation 113/77.

f. Regulated Lake Shoreland Development Operation Regulations. Regulation 233/1977. 8 pages. Also include Regulation 84/83.

g. Regulated Oil and Gas Pipeline Surface Operations Regulations. Regulation 207/1976. 6 pages. Also include Regulation 161/79.

h. Regulated Oil Sands Surface Operation Regulations. Regulation 159/1976. 9 pages. Also include Regulation 439/78.

i. Sand, Gravel, Clay and Marl Surface Operations Regulations. Regulation 228/1982. 4 pages.

   j. Security Deposit Ministerial Regulations. Regulation 172/1977. 3 pages. Also include Regulation 242/82.
   k. Stop Order Appeal Regulations. Regulation 9.1974. 2 pages.

66. LAND SURVEYORS ACT. Administered by Associated Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter L-4.1-R.S.A., 1980. 31 pages.

   REGULATIONS:

   a. Regulations Pursuant to the Land Surveyors Act. Regulation various/1982. 18 pages.

67. LAND TITLES ACT. Administered by Alberta Department of the Attorney General. Chapter L-5-R.S.A., 1980. 84 pages. Amended by Chapters 23/82 and 46/83.

   REGULATIONS:

   a. Forms Regulation. Regulation 480/1981. 21 pages. Also include Regulation 538/82.

68. LITTER ACT. Administered by Alberta Department of the Environment. Chapter L-19-R.S.A., 1980. 8 pages.

   REGULATIONS:

   a. Litter Control Regulations. Regulation 88/1973. 4 pages.

69. MINERAL TITLES REDEMPTION ACT. Administered by Alberta Department of Energy and Natural Resources, Chapter 44, 1958. 4 pages. Amended by Chapter 67, 1960.

70. MINES AND MINERALS ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter M-15-R.S.A., 1980. 60 pages. Amended by Chapter 24/81, 55/81 and 36/83.

   REGULATIONS.

   a. Administrative Regulations. Regulation 175/1976. 8 pages. Also include Regulation 291/80.
   b. Coal Royalty Regulations. Regulation 193/1976. 6 pages. Also include Regulation 41/83.
   c. Crown Petroleum Production (May, 1981) Regulation. Regulation 164/1981. 14 pages.
   d. Crown Petroleum Production (June, 1981) Regulation. Regulation 194/1981. 15 pages. Also include Regulation 198/81.
   e. Exploration Regulations. Regulation 423/1978. 62 pages. Also include Regulation 302/81, amended by Regulation 40/82 and 418/82.
   f. Exploratory Drilling Incentive Regulations. Regulation 378/1972. 5 pages. Also include Regulation 255/79.
   g. Exploratory Drilling Incentive Regulations, 1974. Regulation 18/1974. 16 pages. Also include Regulation125/80.

h. Exploratory Drilling Incentive Regulations, 1978. Regulation 27/1978. 16 pages. Also include Regulation 126/80, amended by Regulation 471/82.

i. Exploratory Drilling Incentive Regulation, 1981. Regulation 212/1981. 16 pages. Also include Regulation 89/83.

j. Geophysical Incentive Program Regulations. Regulation 35/1975. 12 pages. Also include Regulation 135/79, amended by Regulation 240/79 and 419/82.

k. Geophysical Incentive Program Regulations, 1978. Regulation 171/1978. 12 pages. Also include Regulation 280/79, amended by Regulation 420/82.

l. Geophysical Incentive Program Regulations, 1980. Regulation 148/1980. 12 pages. Also include Regulation 421/82.

m. Geophysical Incentive Program Regulations, 1981. Regulation 213/1981. 14 pages. Also include Regulation 90/83.

n. Mineral Rights Compensation Regulations. Regulation 161/1978. 7 pages. Also include Regulation 281/78, amended by Regulation 425/82.

o. Natural Gas Royalty Regulations. Regulation 16/1974. 11 pages. Also include Regulation 322/82, amended by Regulation 461/82.

p. Oil Sands Regulation, 1978. Regulation 317/1978. 8 pages. Also include Regulation 246/79.

q. Petroleum and Natural Gas Lease Regulations. Regulation 168/1976. 10 pages. Also include Regulation 427/82.

r. Petroleum and Natural Gas License Regulations. Regulation 169/1976. 6 pages. Also include Regulation 248/79.

s. Petroleum Royalty Regulations. Regulation 93/1974. 12 pages. Also include Regulation 320/82, amended by Regulation 462/82.

t. Placer Mining Regulation. Regulation 41/1981. 4 pages

u. Quartz Mining Regulations. Regulation 377/1967. 15 pages. Also include Regulation 429/82.

v. Refundable Work Deposit (Coal) Regulation. Regulation 384/1982. 3 pages.

w. Tariff of Fees Regulatios. Regulation 195/1976. 2 pages. Also include Regulation 61/81, amended by Regulation 421/81.

71. MUNICIPAL AND PROVINCIAL PROPERTIES VALUATION ACT. Administered by Alberta Department of Municipal Affairs. Chapter M-28-R.S.A, 1980. 4 pages.

72. NATURAL GAS PRICE ADMINISTRATION ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter N-3-R.S.A., 1980. 14 pages.

73. NATURAL GAS PRICING AGREEMENT ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter N-4-R.S.A., 1980. 14 pages. Amended by Chapter 57/81.

REGULATIONS:

a. Natural Gas Pricing Agreement Regulations. Regulation various. 8 pages. Also include Regulation 305/78 and 30/80.

b. Natural Gas Pricing Agreement Regulations. Regulation 127/1977. 7 pages. Also include Regulation 310/82, amended by Regulation 431/82.

74. NEW TOWNS ACT. Administered by Alberta Department of Municipal Affairs. Chapter N-7-R.S.A., 1980. 7 pages.

75. NORTHEAST ALBERTA REGIONAL COMMISSION ACT. Administered by Alberta Department of Municipal Affairs. Chapter N-8-R.S.A., 1980. 4 pages.

76. NORTHERN ALBERTA DEVELOPMENT COUNCIL ACT. Administered by Alberta Department of Tourism and Small Business. Chapter N-9-R.S.A., 1980. 2 pages.

77. NOVA, AN ALBERTA CORPORATION ACT. Administered by the Alberta Department of Energy and Natural Resources. Chapter N-12-R.S.A., 1980. 17 pages.

78. OIL AND GAS CONSERVATION ACT. Administered by Alberta Energy Resources Conservation Board. Chapter O-5-R.S.A., 1980. 52 pages.

REGULATIONS:

a. Oil and Gas Conservation Regulations. Regulation 151/1971. 146 pages. Also include Regulation 337/82, amended by Regulation 433/82 and 460/82.

79. OIL SANDS TECHNOLOGY AND RESEARCH AUTHORITY ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter O-6-R.S.A., 1980. 12 pages.

80. PETROELUM INCENTIVES PROGRAM ACT. Administered by the Alberta Department of Energy and Natural Resources. Chapter P-4.1, 1981. 9 pages.

REGULATIONS:

a. Petroleum Incentives Program Regulations. Regulation 220/1982. 42 pages. Amended br Regulations 367/82 and 470/82.

81. PETROLEUM MARKETING ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter P-5-R.S.A., 1980. 10 pages. Amended by Chapters 17 (Supp.) R.S.A., 1980 and 40/83.

82. PIPELINE ACT. Administered by Alberta Energy Resources Conservation Board. Chapter P-8-R.S.A., 1980. 22 pages. Amended by Chapter 30/81.

83. PLANNING ACT. Administered by Alberta Department of Municipal Affairs. Chapter P-9-R.S.A., 1980. 84 pages. Amended by Chapters 29/82 and 41/83.

REGULATIONS:

a. Airport Vicinity Protection Area General Regulations. Regulation 291/1975. 12 pages.

b. Calgary International Airport Vicinity Protection Area Regulations. Regulation 318/1979. 13 pages.

c. Edmonton International Airport Vicinity Protection Area Regulations. Regulation 63/1981. 15 pages. Also include Regulation 35/83.

d. Subdivision Regulations. Regulation 132/1978. 27 pages. Also include Regulation 198/79.

84. PROVINCIAL PARKS ACT. Administered by Alberta Department of Recreation and Parks. Chapter P-22-R.S.A., 1980. 6 pages. Amended by Chapter 44/83.

REGULATIONS:

a. Disposition Regulations. Regulation 241/1977. 27 pages. Also include Regulation 66/82.

b. General Regulations. Regulation 305/1964. 10 pages. Also include Regulation 46/83.

85. PUBLIC HIGHWAYS DEVELOPMENT ACT. Administered by Alberta Department of Transportation. Chapter P-28-R.S.A., 1980. 26 pages.

REGULATIONS:

a. Exploration Regulations. Regulation 423/1978. 46 pages. Also include Regulation 302/81, amended by Regulation 40/82 and 418/82.

b. Highway Development Control Regulations. Regulation 163/1970. 5 pages. Also include Regulation 352/79.

c. Secondary Roads Designation Order Regulation. Regulation 10/1979. 52 pages. Also include Regulation 310/80.

86. PUBLIC LANDS ACT. Administered by Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter P-30-R.S.A., 1980. 54 pages.

REGULATIONS:

a. Commercial Trail Riding Regulations. Regulation 292/179. 3 pages

b. Exploration Regulations. Regulation 423/1978. 46 pages. Also include Regulation 302/81, amended by Regulation 40/82 and 418/82.

c. Farm Development, Consolidation and Enlargement Regulations. Regulation 57/1973. 5 pages. Also include Regulation 27/74.

d. Grazing Permit Regulations. Regulation 64/1970. 4 pages. Also include Regulation 158/70.

e. Head Tax Grazing Permit Regulations. Regulation 121/1963. 6 pages.

f. Interest Regulation. Regulation 312/1982. 1 page.

g. License of Occupation Regulation, 1981. Regulation 448/1981. 7 pages. Also include Regulation 41/82.

h. Mineral Surface Lease Regulations. Regulation 228/1958. 16 pages. Also include Regulation 582/65.

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- j. Public Lands Grazing Lease Regulations Established. Regulation 432/1966. 4 pages.
- k. Public Lands Miscellaneous Lease Regulations. 376/1961. 2 pages. Also include Regulation 292/72.
- l. Public Lands Pipe Line Regulations. Regulation 246/1958. 26 pages. Also include Regulation 251/64.
- m. Regulations Governing the Issue of Miscellaneous Permits on Public Lands. Regulation 269/1957. 3 pages. Also include Regulation 78/61.
- n. Regulations Governing the Issue of Recreational Leases on Public Lands. Regulation 548/1957. 2 pages.
- o. Special Areas Cultivation Leases Regulation. Regulation 327/1966. 5 pages. Also include Regulation 395/81.
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- s. Special Areas Service Fees Regulation. Regulation 272/1975. 4 pages. Also include Regulation 400/81.
- t. Surface Material Regulations. Regulation 11/1978. 9 pages. Also include Regulation 44/78.

87. QUARRIES REGULATION ACT. Administered by Alberta Energy Resources Conservation Board. Chapter Q-1-R.S.A., 1980. 8 pages.

REGULATIONS:

- a. Quarries General Regulations. Regulation 38/1957. 36 pages. Also include Regulation 355/77.

88. RECREATION DEVELOPMENT ACT. Administered by Alberta Department of Recreation and Parks. Chapter R-8-R.S.A., 1980. 3 pages.

89. RECREATION, PARKS AND WILDLIFE FOUNDATION ACT. Administered by Alberta Department of Recreation and Parks. Chapter R-9-R.S.A., 1980. 4 pages.

90. RELIGIOUS SOCIETIES' LAND ACT. Administered by Alberta Department of Consumer and Corporate Affairs. Chapter R-14--R.S.A., 1980. 11 pages.

91. SEED CONTROL AREAS ACT. Administered by Alberta Department of Agriculture. Chapter S-10-R.S.A., 1980. 3 pages.

92. SOIL CONSERVATION ACT. Administered by Alberta Department of Agriculture. Chapter S-19-R.S.A., 1980. 6 pages.

93. SPECIAL AREAS ACT. Administered by the Alberta Department of Municipal Affairs, and in some instances, the Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter S-20-R.S.A., 1980. 9 pages.

REGULATIONS:

a. Regulations to Provide for the Issuance of Mineral Surface Leases in the Special Areas. Regulation 249/1970. 6 pages. Also include Regulation 398/81.

b. Special Areas Community Pasture Regulations. Regulation 301/1966. 5 pages. Also include Regulation 393/81.

c. Special Areas Cultivation Leases Regulation. Regulation 327/1966. 3 pages. Also include Regulation 394/81.

d. Special Areas Grazing Lease Regulations. Regulation 96/1968. 6 pages. Also include Regulation 395/81.

e. Special Areas Grazing Permit Regulations. Regulation 330/1966. 3 pages. Also include Regulation 396/81.

f. Special Areas Hay Permit Regulations. Regulation 331/1966. 3 pages. Also include Regulation 397/81.

g. Special Areas Pipeline Regulations. Regulation 3/1959. 12 pages. Also include Regulation 399/81.

h. Special Areas Service Fees Regulation. Regulation 272/1975. 4 pages. Also include Regulation 400/81.

94. SPECIAL WASTE MANAGEMENT CORPORATION ACT. Administered by the Alberta Department of the Environment. Awaiting Proclamation. Chapter S-21.5, 1982. 5 pages.

95. SURFACE RIGHTS ACT. Administered by Alberta Department of Agriculture. Chapter S-27.1, 1983. 29 pages.

REGULATIONS:

a. Rules of Procedure and Practice of the Surface Rights Board. Regulation 73/1973. 6 pages. Also include Regulation 312/76.

96. SURVEYS ACT. Administered by Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter S-29-R.S.A., 1980. 33 pages.

REGULATIONS:

a. Forms Regulation. Regulation495/1981. 2 pages.

b. Survey Control Regulations. Regulation 74/1976. 5 pages. Also include Regulation 391/79.

c. Unsurveyed Territory Survey Regulations. Regulation 86/1976. 5 pages.

97. TURNER VALLEY UNIT OPERATIONS ACT. Administered by Alberta Energy Resources Conservation Board. Chapter T-12-R.S.A., 1980. 7 pages.

98. WATER RESOURCES ACT. Administered by Alberta Department of the Environment. Chapter W-5-R.S.A., 1980. 49 pages.

REGULATIONS:

a. Dam and Canal Safety Regulations. Regulation 351/1978. 4 pages.

b. Provincial Water Power Regulations. Regulation 284/1957. 52 pages. Also include Regulation 388/72.

c. Water Resources Act General Regulations. Regulation 122/1982. 9 pages.

99. WATER RESOURCES COMMISSION ACT. Administered by the Alberta Departments of the Environment, Municipal Affairs, Agriculture and Economic Development. Chapter W-5.1, 1983. 3 pages.

100. WEED CONTROL ACT. Administered by Alberta Department of Agriculture. Chapter W-6-R.S.A, 1980. 13 pages.

REGULATIONS:

a. Seed Cleaning Plant Regulation. Regulation 122/1982. 9 pages.

b. Weed Control Act Form Regulation. Regulation 139/1980. 8 pages.

c. Weed Designation Regulation. Regulation 138.1980. 2 pages.

101. WESTERN IRRIGATION DISTRICT AGREEMENT ACT, 1954. Chapter 111, 1954.

102. WILDERNESS AREAS, ECOLOGICAL RESERVES AND NATURAL AREAS ACT. Administered by Alberta Department of Recreation and Parks. Chapter W-8-R.S.A., 1980. 13 pages.

103. WILDLIFE ACT. Administered by Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter W-9-R.S.A., 1980. 51 pages.

REGULATIONS:

a. Definitions of Wildlife Regulation. Regulation 39/1972. 2 pages. Also include Regulation 278/77.

b. Falconry Regulation. Regulation 392/1981. 5 pages. Also include Regulation 347/82.

c. Game Bird Farm Regulations. Regulation 244/1970. 8 pages. Also include Regulation 78/82.

d. Game Hunting Regulation. Regulation 159/1980. 41 pages. Also include Regulation 237/82, amended by Regulation 348/82.

e. Pheasant Shooting Ground Regulation. Regulation 208/1966. 5 pages. Also include Regulation 103/83.

f. Possession of Dead Wildlife Regulation. Regulation 75/1980. 1 page.

g. Subsistence Hunting Regulation. Regulation 43/1981. 2 pages. Also include Regulation 70/82.

h. Sunday Hunting Regulation. Regulation 179/1969. 1 page. Also include Regulation 111/80.

i. Wild Fur Industry Regulations. Regulation 51/1971. 24 pages. Also include Regulation 305/81.

j. Wildlife Damage Fund Regulations. Regulation 292/1968. 7 pages. Also include Regulation 79/82.

k. Wildlife Depredation Control Regulation. Regulation 517/1981. 1 page.

l. Wildlife Sanctuaries, Bird Sanctuaries and Wildlife Management Unit Regulations. Regulation 162/1974. 43 pages. Also include Regulation 225/82.

104. WILLMORE WILDERNESS PARK ACT. Administered by Alberta Department of Energy and Natural Resources, and the Associate Minister of Public Lands and Wildlife. Chapter W-10-R.S.A., 1980. 3 pages.

Scale Conversion Table

The following table has been included to assist users of the Natural Resources Information Directory in comparing previous imperial map scales to the metric format now being used.

1 inch = ¼ mile = 1:15 840
1 inch = ½ mile = 1:31 680
1 inch = ¾ mile = 1:47 520
1 inch = 1 mile = 1:63 630
1¼ inches = 1 mile = 1:79 200
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1:50 000 AGGREGATE INVENTORY MAPS

Details: A series of maps showing the distribution of major gravel occurrences in the province. Maps are being produced at 1:50 000 and 1:250 000 with marginal notes. For additional information on the 1:250 000 maps refer to "1:250 000 Aggregate Inventory Maps" on page 46, and for information on the reports being produced refer to "Aggregate Inventory Reports - Alberta Research Council" on page 199.

File Size: 109

Project Duration: 1981-

Source: Alberta Research Council, Alberta Geological Survey

Location: Maps may be purchased from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

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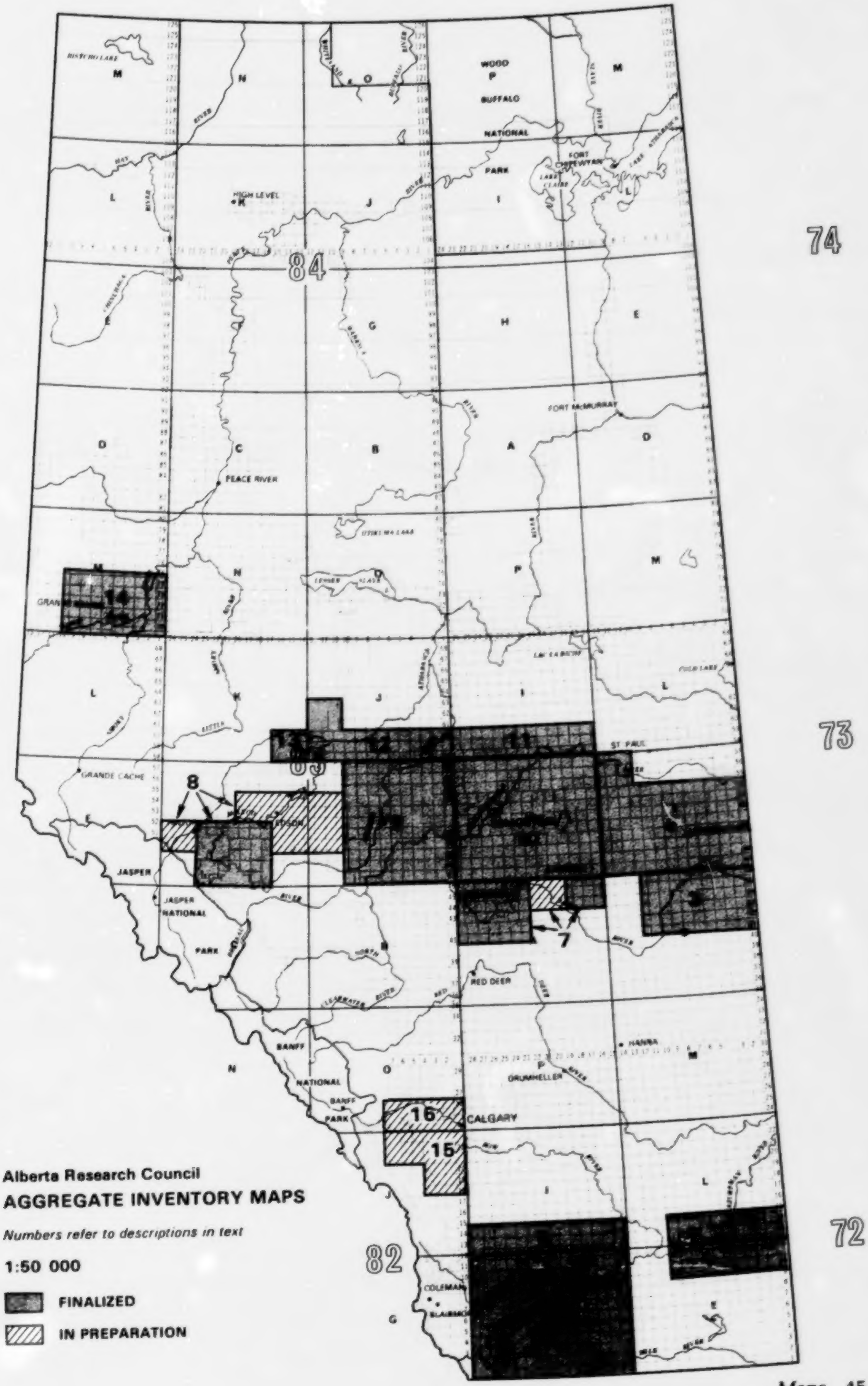
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Alberta Research Council

AGGREGATE INVENTORY MAPS

Numbers refer to descriptions in text

1:50 000

▩ **FINALIZED**

▨ **IN PREPARATION**

1:250 000 AGGREGATE INVENTORY MAPS

Details: A series of maps showing the distribution of major gravel occurrences in the province. Maps are being produced at 1:50 000 and 1:250 000 with marginal notes. For additional information on the 1:50 000 maps refer to "1:50 000 Aggregate Inventory Maps" on page 41, and for information on the reports being produced refer to "Aggregate Inventory Reports - Alberta Research Council" on page 199.

File Size: 10

Project Duration: 1983-

Source: Alberta Research Council, Alberta Geological Survey

Location: Maps may be purchased from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

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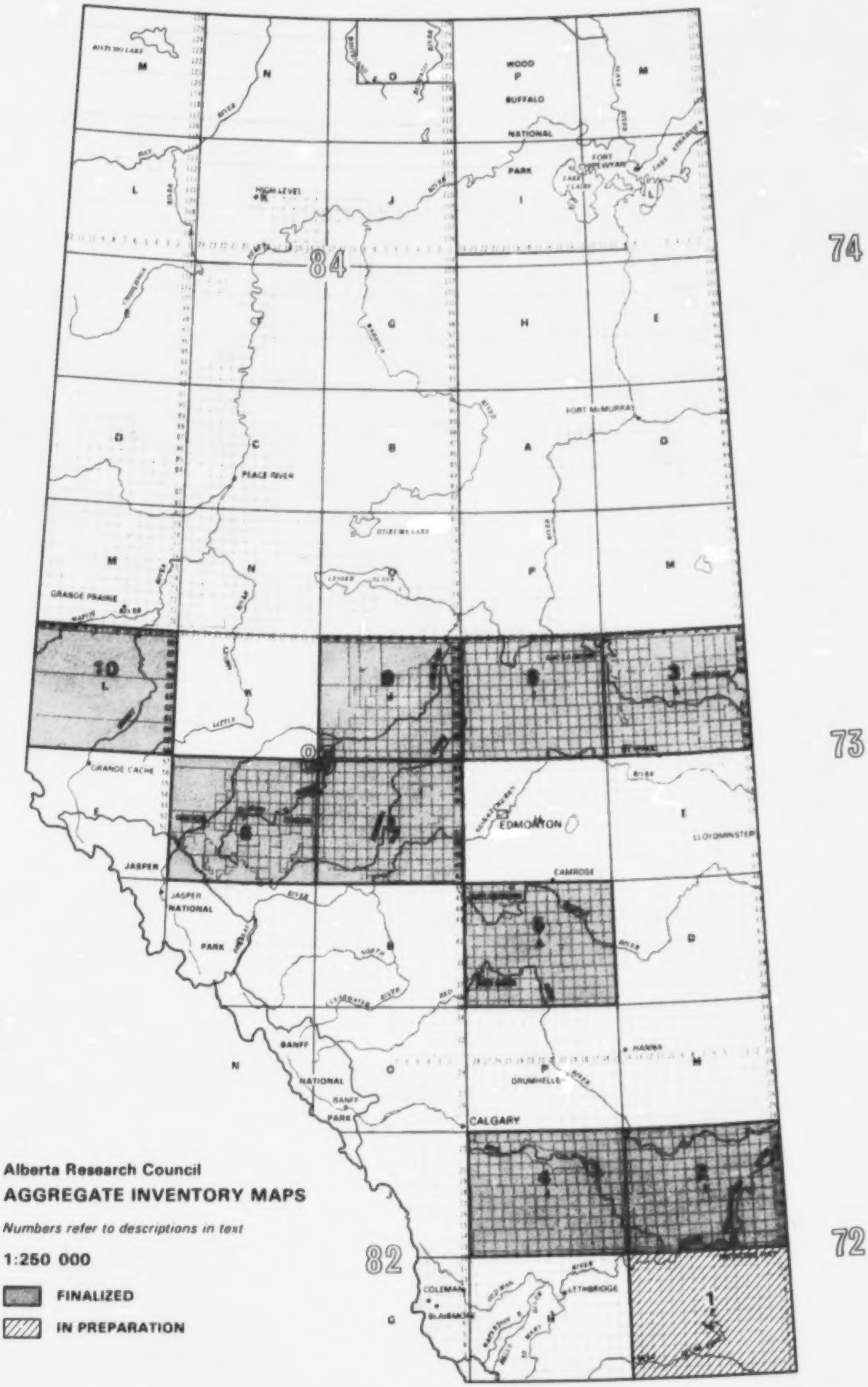
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EDMONTON
I
LLOYDMINSTER
JASPER
E
CAMROSE
JASPER
NATIONAL
PARK
5
B
D
BANFF
NATIONAL
PARK
N
O
HANNA
P
DRUMHELLER
M
CALGARY
4
2
72
82
COLEMAN
BLAIRMORE
LETHBRIDGE
G
1
H

Alberta Research Council

AGGREGATE INVENTORY MAPS

Numbers refer to descriptions in text

1:250 000

▩ **FINALIZED**

▨ **IN PREPARATION**

AGROCLIMATIC ZONES OF ALBERTA

Details: This map (1:2 534 400) delineates areas that have, on the long-term average, similar climatic characteristics for cropping purposes. It is an attempt to provide a general guide in determining the range of crops that, as a result of a combination of climatic factors, can be satisfactorily grown in each area. Soil and topographic features are not considered.

File Size: 1

Project Duration: 1967

Source: Agriculture Canada
Location: Limited stocks of this map are available from:

Agriculture Secretary
Faculty of Extension
Corbett Hall
University of Alberta
82 Avenue and 112 Street
Edmonton, Alberta
T6G 2G4 (403) 432-3029

AIRBORNE GAMMA RAY SPECTOMETRY

Details: A collection of maps (1:250 000) indicating airborne gamma ray spectometry data collected over the edge of the exposed Precambrian Shield in northeastern Alberta. The information is presented as:

1. Contour maps of total count, potassium, equivalent uranium and equivalent thorium concentrations, and eU/eTh, eU/K and eTh/K ratios; and
2. Stacked profiles of the seven parameters for each of the east-west flight lines, which were located at 5 km spacings.

File Size: 3

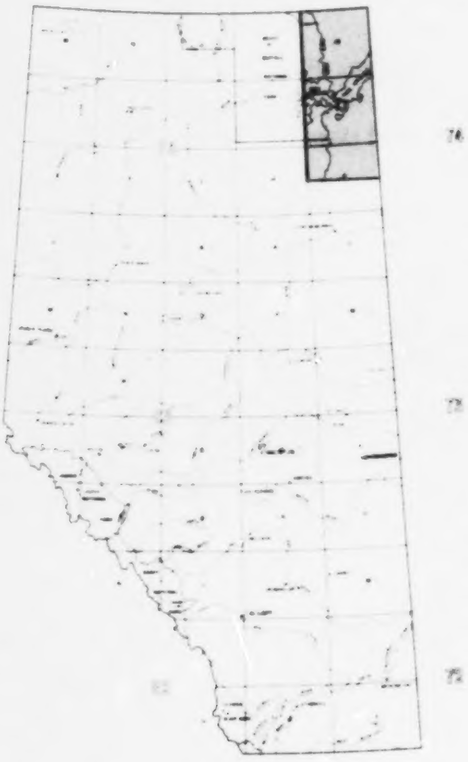
Project Duration: 1978

Frequency of Update: N/A

Source: Canada Department of Energy, Mines and Resources, Geological Survey of Canada

Location: Airborne gamma ray spectometry maps are available from:

Institute of Sedimentary
and Petroleum Geology
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0110



Geological Survey of Canada
Energy, Mines and Resources Canada
AIRBORNE GAMMA RAY SPECTROMETRY

ALBERTA 1:1 000 AND 1:5 000 CADASTRAL MAP SERIES

Details: A series of cadastral maps (1:5 000 and 1:1 000) indicating land parcel boundaries, street names, survey system, hydrographic features and survey control monuments. Cadastral maps are available for the following communities:

Airdrie
Bonnyville
Brooks
Calgary
Canmore
Cardston
Carstairs
Coaldale
Cochrane
Cold Lake
Edmonton
Fort MacLeod
Fort McMurray
Fort Saskatchewan
Grande Cache
Grand Centre
Grande Prairie
Hanna
Innisfail
Leduc
Lethbridge
Okotoks
Magrath
Morinville
Olds
Peace River
Picture Butte
Pincher Creek
Ponoka
Raymond
Red Deer
Stettler
St. Albert
St. Paul
Taber
Vegreville
Vermilion
Wainwright
Whitecourt

File Size: 39

Project Duration: 1970-

Frequency of Update: Periodically

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

Location: Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:2 000 AND 1:7 200 CADASTRAL MAP SERIES

Details: A series of cadastral maps have been prepared by Alberta Bureau of Surveying and Mapping for various rural municipalities in Alberta at scales of 1:2 400 and 1:7 200. These maps show the relationship of streets, avenues, lots, blocks, and the city, town or village boundary.

File Size: 581 (1:2 400) and 562 (1:7 200)

Project Duration: 1955-

Frequency of Update: Periodically

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping; prepared for Alberta Municipal Affairs, Support Services

Location: For diazo copies or information regarding availability of maps contact:

Duplication and Stock Advance
Alberta Municipal Affairs
Room 810, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-2241

or

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:5 000 ORTHOPHOTO TOPOGRAPHIC MAP SERIES

Details: A series of ortho-topographic maps (1:5 000) indicating land-parcel boundaries, 1 metre contours, hydrographic features, street names, survey system and survey control monuments. Ortho-topographic maps are available for the following municipalities:

Airdrie

Black Diamond

Bonnyville

Brooks

Bow Island

Canmore

Cardston

Carstairs

Claresholm

Coaldale

Cochrane

Cold Lake

Drayton Valley

Fort MacLeod

Fort McMurray

Fort Saskatchewan

Grande Cache

Grand Centre

Grande Prairie

Hanna

Hinton

Innisfail

Leduc

Magrath

Medicine Hat
(Partial)

Morinville

Okotoks

Olds

Peace River

Picture Butte

Pincher Creek

Ponoka
Raymond

Red Deer
(Partial)

Rocky Mountain House

St. Albert

St. Paul

Stettler

Taber

Turner Valley

Vegreville

Vermilion

Wainwright

Whitecourt

File Size: 44

Project Duration: 1970-

Frequency of Update: Periodically

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

Location: Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:7 200 CADASTRAL INDEX MAP SERIES

Details: A series of index maps have been prepared at a scale of 1:7 200 for various rural municipalities in Alberta, illustrating the relationship of streets, avenues, lots and blocks. Plan numbers are also indicated.

File Size: 527

Project Duration: 1955-

Frequency of Update: Periodically

Source: Alberta Municipal Affairs, Planning Services Division

Location: For diazo copies or information regarding availability of maps contact:

Duplication and Stock Advance
Alberta Municipal Affairs
Room 810, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-2241

ALBERTA 1:25 000 PLANIMETRIC URBAN MAP SERIES

Details: A series of planimetric maps (1:25 000) indicating road networks, railways, airports, hydrography, survey system, hospitals, schools, city hall, city boundaries and provincial electoral districts. Planimetric maps are available for the following cities.

Calgary
Edmonton
Grande Prairie
Lethbridge
Medicine Hat
Red Deer

File Size: 6

Project Duration: 1970-

Frequency of Update: Periodically

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

Location: Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:50 000 PROVINCIAL RESOURCE BASE MAP SERIES (FOREST COVER)

Details: A series of forest cover maps (1:50 000) indicating detailed access, oil and gas development, transmission lines, ranger stations, airstrips, recreation areas, parks, Indian reserves, Metis colonies, nomenclature, survey and detailed hydrography.

File Size: 688

Projection Duration: 1955-

Frequency of Update: Periodically (fire and survey data are updated annually)

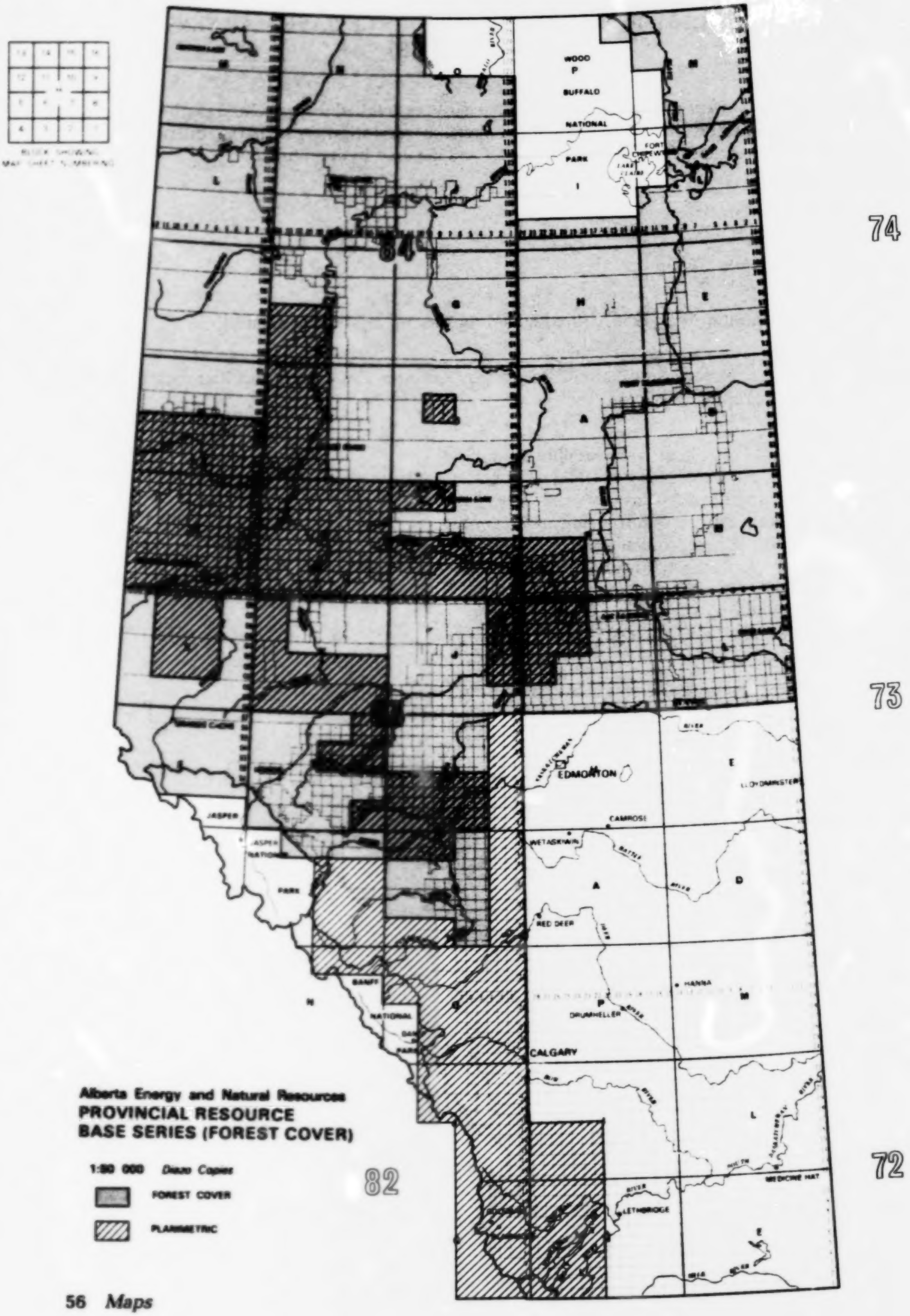
Source: Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Cartographic Services.

Location: Forest cover maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Further information on this series is available from:

Manager, Cartographic Services
Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
3rd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3507


BLOCK SHOWING MAP SHEET NUMBERING
WOOD
P
BUFFALO
NATIONAL
PARK
I
FORT CHIPEWYAN
LAKE CLAIRE
74
73
72
82
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
CALGARY
MEDICINE HAT
LETHBRIDGE
JASPER
JASPER NATIONAL
PARK
BANFF
NATIONAL
PARK
Alberta Energy and Natural Resources
PROVINCIAL RESOURCE
BASE SERIES (FOREST COVER)
1:50 000 Diazo Copies
FOREST COVER
PLANIMETRIC

ALBERTA 1:100 000 PROVINCIAL MAP SERIES

1. Alberta Topographic Series

Details: A series of topographic maps (1:100 000) with 50-foot contour intervals. Pipelines, transmission lines, built-up areas, schools, churches, Indian reserves, parks, recreation areas, hydrography and access are indicated.

2. Forest Cover Series

Details: A series of forest cover maps (1:100 000) indicating density, height and species of tree stands, trails, seismic lines, access roads, towns, villages, surveys and detailed hydrography.

3. Composite Forest Cover Series

Details: A series of composite forest cover maps (1:100 000) indicating density, height and species of timber stands, by broad classification, indicated by color code. Trails, seismic lines, access roads and detailed hydrography are also indicated.

File Size:		
	Alberta Topographic Series	8
	Forest Cover Series	134
	Composite Cover Series	9

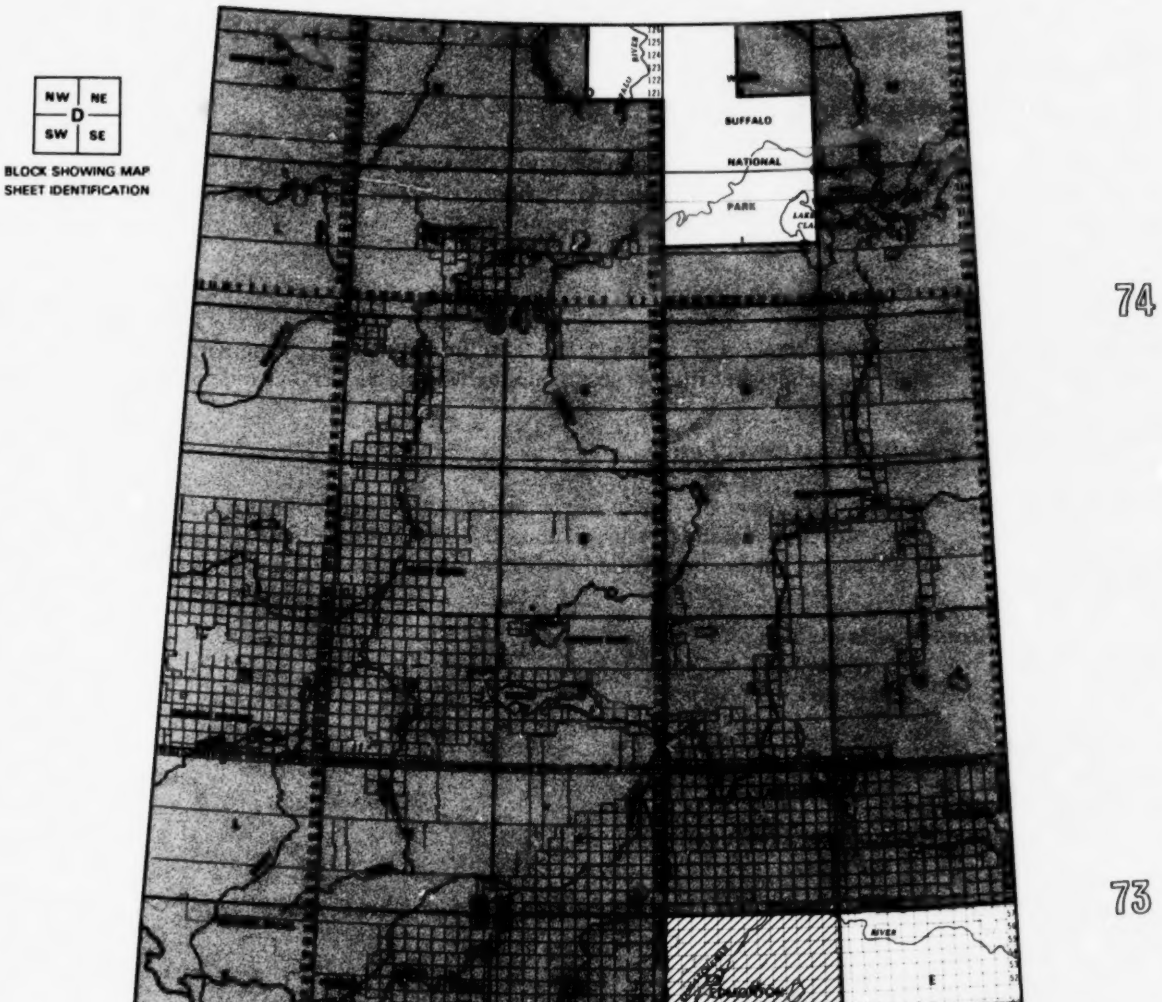
Project Duration: Circa 1970-

Frequency of Update: Periodically

Source: Alberta Energy and Natural Resources, Cartographic Services

Location: Maps are abailable from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520



NW
NE
D
SW
SE
BLOCK SHOWING MAP SHEET IDENTIFICATION
BUFFALO
NATIONAL
PARK
74
73
72
82
EDMONTON
CAMROSE
RED DEER
LLOYDMINSTER
HANNA
DRUMHELLER
CALGARY
BANFF
NATIONAL
PARK
LETHBRIDGE
MEDICINE HAT
RIVER
E
D
M
J
L
H
G
N
Alberta Energy and Natural Resources
1:100 000 SERIES
▩ Forest Cover
▧ Composite Forest Cover
▨ Alberta Topographic Series
☐ Not Available

ALBERTA 1:190 080 PROVINCIAL FOREST RESERVE (TOPOGRAPHICAL) MAPS

Details: Topographical forest reserve maps have been prepared at a scale of 1:190 080 for the following areas:

1. Rocky Clearwater Forest (Clearwater Sheet)
2. Bow-Crow Forest (Bow River Sheet)
3. Bow-Crow Forest (Crowsnest Sheet)

These maps illustrate roads, topography, cut-lines, mines, lookout towers, ranger cabins and stations, and Alberta Forest Service (AFS) campgrounds. They will be updated to a 1:200 000 map series within the near future.

File Size: 3

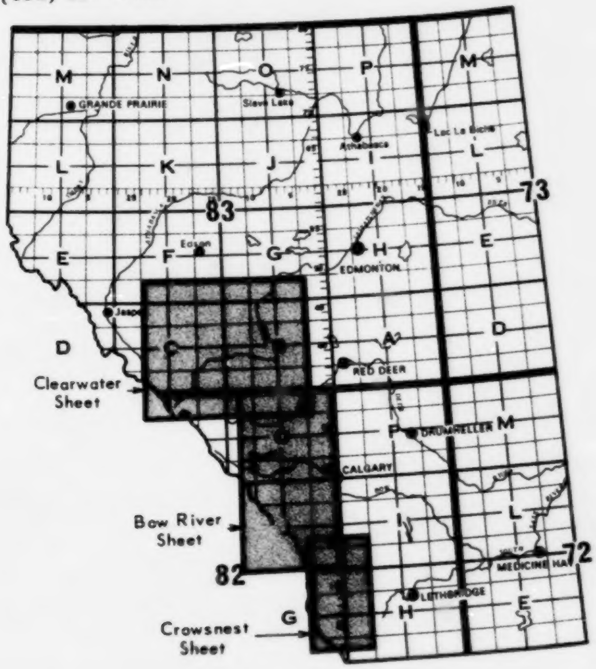
Project Duration: 1973-

Frequency of Update: As supplies diminish

Source: Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Cartographic Services.

Location: Topographical forest reserve maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520


M
N
O
P
M
GRANDE PRAIRIE
Slave Lake
Athabasca
Lac La Biche
L
K
J
I
L
83
73
E
F
Edson
G
H
EDMONTON
E
Jasper
D
C
B
A
D
RED DEER
Clearwater Sheet
DRUMHELLER
P
M
CALGARY
Bow River Sheet
I
L
82
MEDICINE HAT
72
LETHBRIDGE
G
H
E
Crowsnest Sheet

ALBERTA 1:250 000 GROUND CONTROL SURVEY MAPS

Details: A collection of Ground Control Survey maps available at 1:250 000, indicating the location of ground control survey points throughout the province.

File Size: 50

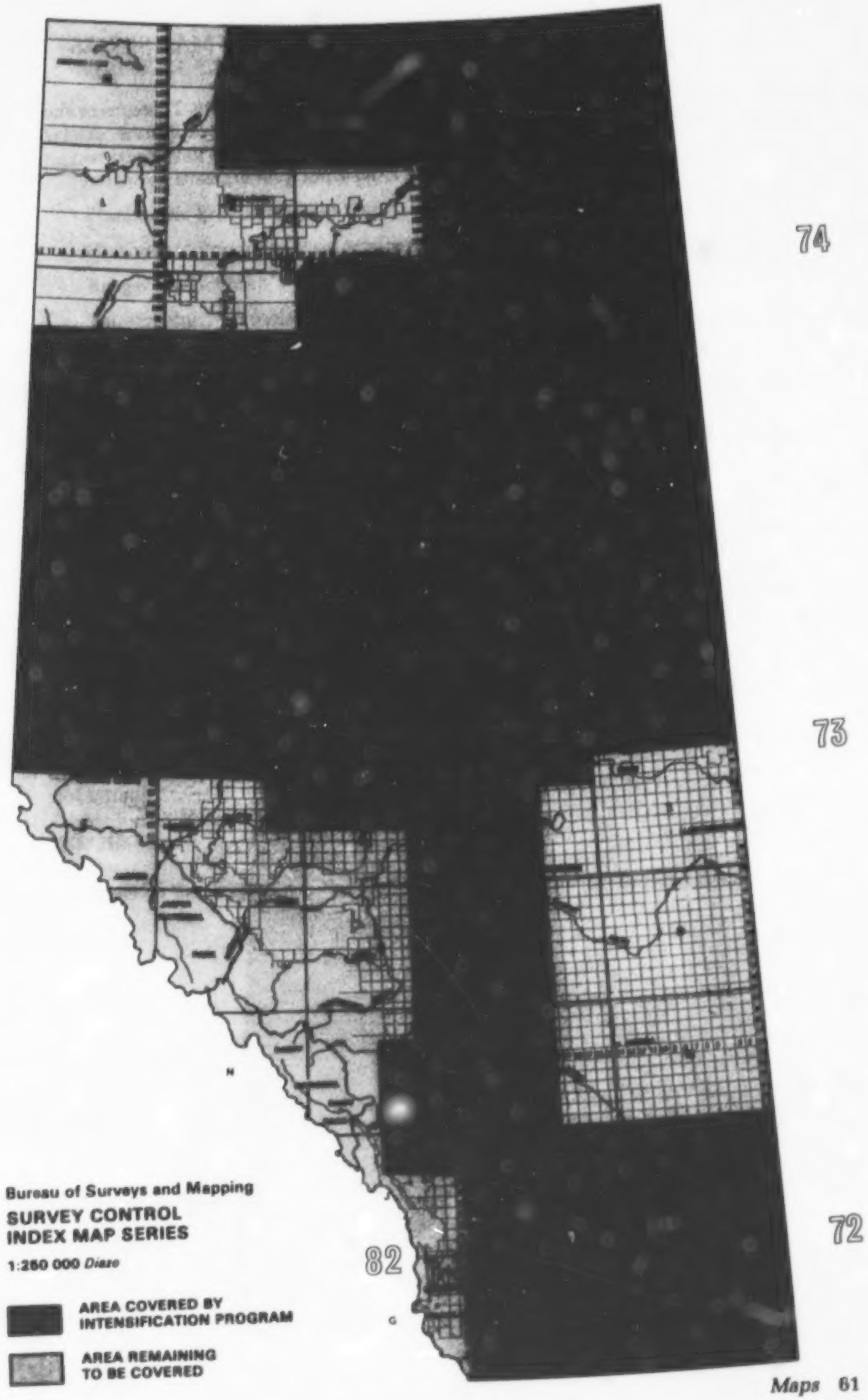
Project Duration: 1975-

Frequency of Update: As updates become available

Source: Alberta Energy and Natural Resources, Survey Control Branch

Location: Diazo copies are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520



Bureau of Surveys and Mapping

SURVEY CONTROL INDEX MAP SERIES

1:250 000 *Diazo*

■ AREA COVERED BY INTENSIFICATION PROGRAM
▨ AREA REMAINING TO BE COVERED
74
73
72
82

ALBERTA 1:250 000 PROVINCIAL ACCESS MAP SERIES

Details: Provincial access maps are available for Alberta at 1:250 000. These maps show primary and secondary roads, cut-lines, truck trails, airstrips, heliports, helipods, forest headquarters, ranger stations, lookouts, boat landings and developed recreation areas.

File Size: 50

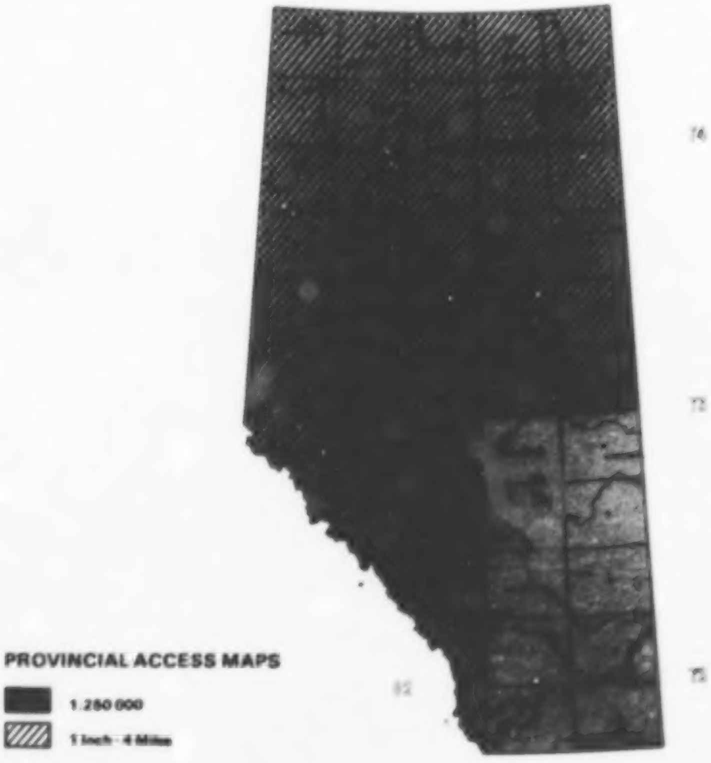
Project Duration: Circa 1950-

Frequency of Update: Periodically

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

Location: Provincial access maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520



ALBERTA 1:500 000 PROVINCIAL BASE MAP SERIES

Details: A series of 1:500 000 provincial base maps have been prepared for Alberta. They include:

Irrigation Districts Map (only parts of NTS 72 and 82)
Planimetric Provincial Base Map
Planimetric Provincial Base Map with NTS Grid
Ranger District Map
Topographic Provincial Base Map
Topographic Provincial Base Map with NTS Grid

File Size: 6

Project Duration: 1982-

Frequency of Update: Every five years

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

Location: All maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6

These maps, except for the irrigation map, are available in two parts (north and south).

ALBERTA 1:750 000 PROVINCIAL MAP SERIES

Details: Thematic maps, projected on to the provincial 1:750 000 base, have been prepared by the Alberta Bureau of Surveying and Mapping for various user agencies. These maps include:

Electoral Divisions
Judicial Districts
Municipalities
Primary Highway Progress Chart
Provincial Base Map (showing boundaries, highways, parks, cultural features, etc.)
Population by Township and Incorporated Places
Population by Enumeration Within Federal Electoral Districts
Secondary Road Progress Chart

File Size: 8

Project Duration: 1976-

Frequency of Update: Annually

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

Location: All maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6

This map series is printed in two parts (north and south).

ALBERTA 1:1 000 000 PROVINCIAL MAP SERIES

Details: A series of thematic 1:1 000 000 provincial maps has been prepared for Alberta.

Alberta Agriculture Priority Agricultural Lands[1]
Alberta Forest Service Air Operations Base (Restricted)
Alberta Forest Service Air Patrol (Restricted)
Alberta Forest Service Fire Bombing Map (Restricted)
Alberta Forest Service Forest Classification
Alberta Forest Service Forest Classification with Forest Management Unit Boundaries
Alberta Forest Service Forest Fire Control Zones
Alberta Forest Service Forest Fuels Classification[2]
Alberta Forest Service Forest Management/National Topographic System Map
Alberta Forest Service Forest Management Unit Map
Alberta Forest Service Ranger District Map
Alberta Forest Service Spring Patrol (Restricted)
Alberta Government Telephones Tower Identification Map (Restricted)
Alberta Public Lands Ecological Reserves and Natural Areas
Alberta Relief Map (produced by ABSM)
Archaeological Resource Sensitivity Zones (Restricted)
Aviation Map (produced by ABSM)
Energy and Natural Resources Regions
Fish and Wildlife Regional and District Boundary Map (Restricted)
National Topographic System Reference Grid
Oil and Gas Exploration and Development Areas Map
Provincial Base Map

File Size: 22

Project Duration: 1940s-

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[1] Availability limited through Land Use Branch. Alberta Agriculture (427-5359).

[2] Availability limited through Terry Van Nest. Forest Protection Branch. Alberta Forest Service (427-6807).

Frequency of Update: Varies with map, most annually

Source: Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Cartographic Services, and Alberta Bureau of Surveying and Mapping.

Location: All 1:1 000 000 maps, except those designated , are Restricted available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:1 500 000 PROVINCIAL MAP SERIES

Details: A series of thematic 1:1 500 000 maps has been prepared for Alberta.

Alberta Electric System
Alberta Forest Service Fire Suppression Priorities Map
Alberta Forest Service Forest Protection Areas Map
Alberta Forest Service Ranger District Map
Fish and Wildlife Buck For Wildlife Map
Public Lands General Classification Map
Public Lands Regions and Supervisory Districts Map

File Size: 7

Project Duration: 1940-

Frequency of Update: As required, usually annually

Source: Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Cartographic Services, and Alberta Forest Service

Location: Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:2 500 000 PROVINCIAL MAP SERIES

Details: Thematic maps, projected on to the provincial 1:2 500 000 base, have been prepared by the Alberta Bureau of Surveying and Mapping for various user agencies. These maps include:

Census Divisions

Electoral Divisions

Judicial Districts

Municipalities

Provincial Base Map (showing boundaries, highways, parks, cultural features, etc.)

Statutory Boundaries of Planning Areas

Transportation Regions

File Size: 7

Project Duration: 1982-

Frequency of Update: N/A

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

Location: All maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6

ALBERTA 1:3 000 000 PROVINCIAL MAP SERIES

Details: Two general purpose 1:3 000 000 provincial base maps have been prepared by the Alberta Bureau of Surveying and Mapping for thematic data presentation. These maps are:

Provincial Base Map (showing boundaries, highways, parks, cultural features, etc.)

Provincial Base Map with NTS Grid

File Size: 2

Project Duration: 1982-

Frequency of Update: N/A

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

Location: All maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6

ALBERTA 1:5 000 000 THEMATIC RESOURCE MAPS

Details: A series of 8½ inch x 11 inch (scale 1:5 000 000) thematic resource maps have been prepared for Alberta:

Agricultural Equipment Manufacturing 1977
Airlines 1982
Alberta Base
Alberta Canada
Alberta in the World
Alberta Physical
Alfalfa and Peat Moss Processing 1977
Art Galleries 1982
Artificial Insemination of Livestock 1977
Average Frost Free Days
Barley 1981
Bedrock Geology
Beef Cattle 1981
Breweries, Distilleries, Malthouses, and Wineries 1977
Campsites and Ski Areas 1982
Census Divisions, Municipalities 1981
Coal 1982
Confectionery Processing 1977
Dairy Manufacturing 1977
Drainage Basin
Driving Times and Distances to Alberta 1977
Egg Grading and Packing 1977
Electric System 1982
Flaxseed 1981
Feed Mills 1977
Fertilizer and Agricultural Chemical Manufacturing 1977
Flour Mills and Vegetable Oil Processing 1977
Food Processing 1977
Forest Resources (Areas and Mills) 1982
Forest Resources (Potential Annual Yield) 1980
Fruit and Vegetable Dealers and Wholesalers 1977
Greenhouses 1977
Health Units 1977
Hogs 1981

Hospitals 1977
Landset Index
Main Pipe Lines, Refineries, and Gas Plants 1982
Major Performing Arts Theatre 1983
Major Physiographic Divisions
Major Seed Companies 1977
Mean Annual River Discharges
Meat Processing 1977
Metallic Minerals
Milk Cows 1981
Minerals For Chemical and Metallurgical Industries 1982
Minerals For Construction Materials Industries 1982
Movements of Oil and Gas (Canada) 1981
Museums and Archives 1977
National and Provincial Parks 1982
Oats For Grain 1981
Oil, Gas, and Oil Sands 1982
Planning Regions 1982
Population Distribution 1976
Population 1000 and Over 1981
Population 500 to 999 1981
Population 300 to 499 1981
Population 200 to 299 1981
Population 100 to 199 1981
Potatoes and Vegetables 1977
Potato Growers 1977
Poultry 1981
Poultry Hatcheries 1977
Poultry Processing and Products 1977
Precipitation
Public Libraries 1982
Rapeseed 1981
Rye 1981
Seed Cleaning 1980
Sheep and Lambs 1981
Snowfall
Soils
Sunshine

Tame Hay 1981
Temperature
Traffic Flow 1977
Transportation 1982
Vegetable Growers 1977
Vegetable Processing 1977
Veterinarians 1977
Wheat 1981

File Size: 82

Project Duration: 1976-

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

Location: Thematic resource maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

BATHYMETRIC SURVEY MAP SERIES

Details: A series of bathymetric survey maps for various lakes in Alberta with contours indicating the relief of the lake floor. In order to determine the availability of specific survey maps consult Alberta Lakes and Reservoirs Reference Index 1980 available from Alberta Environment, Technical Services Divison.

File Size: 244

Project Duration: 1958-

Source: Technical Services Division, Alberta Environment

Location: For information regarding availability of maps contact:

Technical Services Division
Alberta Environment
10th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

BEDROCK GEOLOGY - GEOLOGICAL SURVEY OF CANADA

Details: A collection of bedrock geology maps illustrating the distribution, lithology, age and structure (attitude) of rock formations at or near the surface.

File Size: 65 maps.

Project Duration: 1929-

Source: Department of Energy, Mines and Resources, Geological Survey of Canada.

Location: Geological Survey of Canada maps may be obtained from:

Publications and Air Photo Section
Institute of Sedimentary and Petroleum Geology
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0354

or

Publications Department
Geological Survey of Canada
601-Booth Street
Ottawa, Ontario
K1A 0E8 (613) 995-4342

Number on Index Map	Description
1.	Mountain Park; B.R. Mackay, 1929. Map 208A, scale 1:63 360. See No. 127. (NTS 83C/14).
2.	Cadomin; B.R. Mackay, 1929. Map 209A, scale 1:63 360. See No. 123. (NTS 83F/3).
3.	Turner Valley; G.S. Hume, 1931. Map 257A, scale 1:63 360. See No. 152. (NTS 82J/9).
4.	Turner Valley (southwest quarter); G.S. Hume, 1931. Map 261A, scale 1:31 680. See No. 152. (NTS 82J).
5.	Turner Valley (northwest quarter); G.S. Hume, 1931. Map 262A scale 1:31 380. See No. 152. (NTS 82J).
6.	a. Jumpingpound Creek (east half); N.C. Ollerenshaw, 1976. Map 1419A, scale 1:50 000. (NTS 82O/2E).

b. Jumpingpound Creek (west half); N.C. Ollerenshaw, 1976. Map 1420A, scale 1:50 000. (NTS 82O/2W).

7. Canmore (north portion); B.R. MacKay, 1935. Map 322A, scale 1:9600. (NTS 82O).

8. Canmore (south portion); B.R. MacKay, 1935. Map 323A, scale 1:9600. (NTS 82O).

9. Wildcat Hills (northwest quarter); G.S. Hume, 1936. Map 325A, scale 1:31 380. Accompanies G.S.C. Memoir 188. (NTS 82O). See No. 28.

10. Wildcat Hills (west half): N.C. Ollerenshaw, 1972. Map 1351A, scale 1:50 000. (NTS 82O/7).

11. Hardisty; P.S. Warren and G.S. Hume, 1939. Map 502A, scale 1:253 440. See Memoir 232. (NTS 73D).

12. Del Bonita area; L.S. Russell, 1937. Map 37-10, scale 1:31 680 See Memoir 221. (NTS 82H).

13. Taber district; L.S. Russell and J.C. Sproule, 1937. Map 37-14, scale 1:63 360. See Memoir 221. (NTS 82H).

14. Ribstone Creek; P.S. Warren and G.S. Hume, 1939. Map 501A, scale 1:253 440. See Memoir 232. (NTS 73D).

15. Stettler; R.L. Rutherford, 1939. Map 503A, scale 1:253 440. (NTS 83A East 1/2).

16. Red Deer; R.L. Rutherford, 1939. Map 504A, scale 1:253 440. (NTS 83A West 1/2).

17. Tofield; R.L. Rutherford, 1939. Map 505A, scale 1:253 440. (NTS 83H East 1/2).

18. Edmonton; R.L. Rutherford, 1939. Map 506A, scale 1:253 440. (NTS 83H West 1/2).

19. Fallentimber (east half); B.R. MacKay, 1939. Map 548A, scale 1:63 360. (NTS 82O/10 East).

20. a. Fallentimber (west half); B.R. MacKay, 1939. Map 549A, scale 1:63 360. (NTS 82O/10 West).

    b. Fallentimber Creek (west half); N.C. Ollerenshaw, 1974. Map 1387A, scale 1:50 000. (NTS 82O/10).

21. Taber; L.S. Russell, 1940. Map 565A, scale 1:253 440. Accompanies G.S.C. Memoir 221. (NTS 82H).

22. Foremost; L.S. Russell, 1940. Map 566A, scale 1:253 440. Accompanies G.S.C. Memoir 221. (NTS 72E,L).

23. Dunmore; L.S. Russell, 1940. Map 567A, scale 1:253 440. Accompanies G.S.C. Memoir 221. (NTS 72E,L).

24. Midnapore; G.S. Hume, 1940. Map 606A, scale 1:63 360. See No. 149. (NTS 82J/16 East).

25. Wapiabi Creek; B.P. MacKay, 1940. Map 40-13, scale 1:31 680 See Paper 58-3. (NTS 83C).

26. Pembina Forks; B.R. MacKay, 1940. Map 40-16, scale 1:31 680 See No. 128 (NTS 83C).

27. Grave Flats; B.R. MacKay, 1940. Map 40-15, scale 1:31 680. See No. 128. (NTS 83C).

28. Wildcat Hills (east half); G.S. Hume and C.O. Hage, 1941. Map 652A, scale 1:63 360. (NTS 82O/7 East).

29. Fish Creek; G.S. Hume, 1941. Map 667A, scale 1:63 360. See No. 149 (NTS 82J/16 West).

30. Bragg Creek, G.S. Hume and H.H. Beach, 1942. Map 654A, scale 1:63 360. See No. 148. (NTS 82J/15 East).

31. Bearberry; H.H. Beach, 1942. Map 670A, scale 1:63 360. (NTS 82O/15 West).

32. Kitscoty; C.H. Crickmay, G.S. Hume and C.O. Hage, 1942. Map 673A, scale 1:253 440. Accompanies G.S.C. Memoir 232. (NTS 73E).

33. Innisfree; C.H. Crickmay, G.S. Hume and C.O. Hage, 1942. Map 674A, scale 1:253 440. Accompanies G.S.C. Memoir 232. (NTS 73E).

34. Moose Mountain; H.H. Beach, 1942. Map 688A, scale 1:63 360. Accompanies G.S.C. Memoir 236. See No. 148. (NTS 82J/15 West).

35. Brooks; J.S. Stewart, 1942. Map 695A, scale 1:253 440. (NTS 72L).

36. Redcliff; J.S. Stewart, 1942. Map 696A, scale 1:253 440. (NTS 72L).

37. Pekisko Creek; G.H. Hume and C.O. Hage, 1942. Map 698A, scale 1:63 360. See No. 154. (NTS 82J/8 West).

38. Marble Mountain; N.C. Ollerenshaw, 1970. Map 7-1969, scale 1:50 000. (NTS 82O/14 East 1/2).

39. Beaver Mines; C.O. Hage, 1943. Map 739A, scale 1:63 360. (NTS 82G/8 East).

40. Bassano; J.S. Stewart, 1943. Map 741A, scale 1:253 440. (NTS 82I).

41. Sexsmith-Bison Lake districts; L.S. Russell, 1943. Preliminary map, scale 1:253 440. G.S.C. Miscellaneous publication. (NTS 83M,N; 84C,D).

42. Foothills belt, central Alberta; B.R. MacKay, 1943. Map 43-3, scale 1:126 720. (NTS 83C,F).

43. Wawa Creek; B.R. MacKay, 1943. Map 43-10, scale 1:31 680. See Paper 58-3. (NTS 83C).

44. Athabasca-Barrhead districts; M. Feniak, 1944. Map 44-6, scale 1:253 440. (NTS 83I,J).

45. Pouce Coupe-Peace River districts; C.H. Crickmay, 1944. Map 44-31, scale 1:126 720. (NTS 83M,84D,93P,94A).

46. Cowley; C.O. Hage, 1945. Map 816A, scale 1:63 360. (NTS 82G/9 East).

47. Pedley; E.J.W. Irish, 1946. Map 838A, scale 1:63 360. (NTS 83F/6 West 1/2).

48. Tay River; J.F. Henderson, 1946. Map 840A, scale 1:63 360. (NTS 83B/3 West).

49. Dyson Creek; C.O. Hage, 1946, Map 827A, scale 1:63 360. See No. 151. (NTS 82J/10 East).

50. Entrance; A.H. Lang, 1946. Map 843A, scale 1:63 360. Accompanies G.S.C. Memoir 244. (NTS 83F/5 East).

51. Fall Creek; J.F. Henderson, 1946. Map 883A, scale 1:63 360. (NTS 83B/4 East).

52. Cripple Creek; O.A. Erdman, 1946. Map 46-22, scale 1:31 680 (NTS 83B).

53. Alexo; G.P. Crombie and O.A. Erdman, 1947. Map 884A, scale 1:63 360. Accompanies G.S.C. Memoir 254. (NTS 83B/5 West).

54. Saunders; O.A. Erdman, 1947. Map 885A, scale 1:63 360. Accompanies G.S.C. Memoir 254 (NTS 83B/5 East).

55. Gregg Lake; E.J.W. Irish, 1947. Map 899A, scale 1:63 360. (NTS 83F/12 West).

56. Brule; A.H. Lang, 1947. Map 905A, scale 1:63 360. Accompanies G.S.C. Memoir 244. (NTS 83F/5 West).

57 Stimson Creek (east half); G.S. Hume, 1949. Map 934A, scale 1:63 360. See No. 154 (NTS 82J/8 East).

58. Moberly Creek; A.H. Lang, 1949. Map 963A, scale 1:63 360. (NTS 83E/9 East).

59. Moon Creek; E.J.W. Irish, 1949. Map 968A, scale 1:63 360. (NTS 83E/9 West).

60. Gap; R.J. Douglas, 1949. Map 978A, scale 1:63 360. Accompanies G.S.C. Memoir 255 reprinted as Memoir 402. (NTS 82G/16 West).

61. Langford Creek; R.J.W. Douglas, 1949. Map 981A, scale 1:63 360. Accompanies G.S.C. Memoir 255 reprinted as Memoir 402. (NTS 82J/1 East).

62. Callum Creek; G. Shaw and R.J.W. Douglas, 1949. Map 982A, scale 1:63 360. Accompanies G.S.C. Memoir 255 reprinted as Memoir 402. (NTS 82G/16 East).

63. Cardston; E.P. Williams, 1949. Map 49-3, scale 1:31 680. (NTS 82H).

64. Pierre Greys Lakes; A.H. Lang and E.J.W. Irish, 1951. Map 996A, scale 1:63 360. Accompanies G.S.C. Memoir 258. (NTS 83E/15).

65. Pincher Creek; R.J.W. Douglas, 1951. Map 51-22, scale 1:40 000. (NTS 82H).

66. Waterton; R.J.W. Douglas, 1952. Map 52-10, scale 1:47 520. (NTS 82H).

67. Copton Creek; E.J.W. Irish, 1955. Map 1041A, scale 1:63 360. (NTS 83L/3).

68. Two Lakes; H.R. Greiner, 1955. Map 55-14, scale 1:63 360. (NTS 83L/5).

69. Blairmore; D.K. Norris, 1955. Map 55-18, scale 1:63 360. (NTS 82G/9 West).

70. Nordegg; B.R. MacKay and R.J.W. Douglas, 1956. Map 55-34, scale 1:63 360. (NTS 83C/8).

71. George Creek (east half); R.J.W. Douglas, 1956. Map 55-39, scale 1:63 360. (NTS 83C/10 East).

72. Grande Cache; E.J.W. Irish and R. Thorsteinsson, 1957. Map 1049A, scale 1:63 360. (NTS 83E/14).

73. Mount Head; R.J.W. Douglas, 1958. Map 1052A, scale 1:63 360. Accompanies G.S.C. Memoir 291 (NTS 82J/7 East).

74. Chungo Creek; R.J.W. Douglas, 1958. Map 58-3, scale 1:63 360. (NTS 83C/9).

75. Beehive Mountain; D.K. Norris, 1958. Map 14-1958, scale 1:63 360. (NTS 82J).

76. Livingstone River; D.K. Norris, 1959. Map 5-1958, scale 1:63 360. (NTS 82J/1 West).

77. Carbondale River; D.K. Norris, 1959. Map 5-1959, scale 1:63 360. (NTS 82G/8 West 1/2).

78. Miette; E.W. Mountjoy, 1960. Map 40-1959, scale 1:63 360. (NTS 83F/4).

79. Smoky and Pine Rivers areas; D.F. Stott, 1960. Map 21-1960, scale 1:253 440. Accompanies G.S.C. Paper 60-16. (NTS 83L).

80. Fort Fitzgerald district; G.C. Riley, 1960. Map 12-1960. Scale 1:253 440. (NTS 74L,M).

81. Devonian strata in northeastern Alberta and northwestern Saskatchewan; A.W. Norris, 1963. Accompanies G.S.C. Memoir 313 as Figure 3, scale 1:760 320. (NTS 74C, D, E; 84I, J).

82. Firebag River district; L.P. Tremblay, 1961. Map 16-1961, scale 1:253 440. (NTS 74E, F).

83. Fernie (east half); R.A. Price, 1962. Map 35-1961, scale 1:126 720. Accompanies G.S.C. Paper 61-24. (NTS 82G/1, 2, 7, 8, 9, 10, 15, 16).

84. Mount Robson; E.W. Mountjoy, 1964. Map 1499A, scale 1:126 720. See No. 158. (NTS 83E).

85. Adams Lookout; E.J.W. Irish and J. K. Eccles, 1964. Map 1104A, scale 1:63 360. (NTS 83E/10).

86. Limestone Mountain; N.C. Ollerenshaw, 1968. Map 8-1968, scale 1:50 000. Accompanies G.S.C. Paper 68-24. (NTS 82O/14/West 1/2).

87. Rocky Mountain Foothills, latitudes 53 degrees 30' and 54 degrees 15' (sheet 1); E.J.W. Irish, 1965. Map 1139A, scale 1:126 720. Accompanies G.S.C. Memoir 334. (NTS 83E/10, 14, 15; 83L/3).

88. Rocky Mountain Foothills, latitudes 53 degrees 15' 53 degrees 45 minutes (sheet 2); E.J.W. Irish, 1965. Map 1140A, scale 1:126 720. Accompanies G.S.C. Memoir 334. (NTS 83E, F).

89. Flathead district (east half); R.A. Price, 1965. Map 1154A, scale 1:63 360. (NTS 82G/7 East).

90. Burnt Timber Creek; N.C. Ollerenshaw, 1966. Map 11-1965, scale 1:63 360. (NTS 82O/11).

91. Oyen; E.J.W. Irish, 1967. Map 21-1966, scale 1:253 440. (NTS 72M).

92. Drumheller; E.J.W. Irish, 1967. Map 5-1967, scale 1:253 440. (NTS 82P).

93. Gleichen; E.J.W. Irish, 1968. Map 19-1967, scale 1:253 440. (NTS 82I).

94. Lethbridge; E.J.W. Irish, 1968. Map 20-1967, scale 1:253 440. (NTS 82H).

95. Medicine Hat; E.J.W. Irish, 1968. Map 21-1967, scale 1:253 440. (NTS 72L).

96. Foremost; E.J.W. Irish, 1968. Map 22-1967, scale 1:253 440. (NTS 72E).

97. Panther culmination; N.C. Ollerenshaw, 1968. Map 24-1967, scale 1:63 360. (NTS 82O/6,11).

98. South Saskatchewan River; A.H. Lang, 1965. Map 1165A, Scale 1:1 000 000. (NTS 72).

99. North Saskatchewan River; A.H. Lang, 1965. Map 1163A, scale 1:1 000 000. (NTS 73).

100. Clearwater River; A.H. Lang, 1965. Map 1162A, scale 1:1 000 000. (NTS 74).

101. Hay River; A.H. Lang, 1965. Map 1161A, scale 1:1 000 000. (NTS 84).

102. Canmore (east half); R.A. Price, 1970. Map 1265A, scale 1:50 000. (NTS 82O/3).

103. Canmore (west half); R.A. Price, 1970. Map 1266A, scale 1:50 000. (NTS 82O/3).

104. Barrier Mountain (east half); R.A. Price, 1970. Map 1273A, scale 1:50 000. (NTS 82O/12).

105. Barrier Mountain (west half); R.A. Price, 1970. Map 1274A, scale 1:50 000. (NTS 82O/12).

106. a. Lake Minnewanka (east half); R.A. Price and N.C. Ollerenshaw, 1971. Map 1271A, scale 1:50 000. (NTS 82O/6).[1]
    b. Lake Minnewanka (east half); N.C. Ollerenshaw, 1972. Map 1271A, scale 1:50 000. (NTS 82O/6).[1]

107. Lake Minnewanka (west half); R.A. Price and N.C. Ollerenshaw, 1971. Map 1272A, scale 1:50 000. (NTS 82O/6).

108. Scalp Creek (east half); R.A. Price and N. C. Ollerenshaw, 1971. Map 1275A, scale 1:50 000. (NTS 82O/13).

109. Scalp Creek (west half); R.A. Price and N.C. Ollerenshaw, 1971. Map 1276A, scale 1:50 000. (NTS 82O/13).

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[1] Out of print.

110. Southern Plains of Alberta: E.J.W. Irish, 1971. Map 1286A, scale 1:500 000. (NTS 72E,L,M: 82H,I,P).

111. Banff (east half): R.A. Price and E.W. Mountjoy, 1972. Map 1294A, scale 1:50 000. (NTS 82O/4).

112. Banff (west half); R.A. Price and E.W. Mountjoy, 1972. Map 1295A, scale 1:50 000. (NTS 82O/4).

113. Mount Eisenhower (east half): R.A. Price and E.W. Mountjoy, 1972. Map 1296A, scale 1:50 000. (NTS 82O/5).

114. Mount Eisenhower (west half); R.A. Price and E.W. Mountjoym, 1972. Map 1297A, scale 1:50 000. (NTS 82O/5).

115. Whiterabbit Creek (east half); E.W. Mountjoy and R.A. Price, 1975. Map 1388A, scale 1:50 000. (NTS 83C/1 East).

116. Whiterabbit Creek (west half); E.W. Mountjoy and R.A. Price, 1975. Map 1389A, scale 1:50 000. (NTS 83C/1 West).

117. Calgary; N.C. Ollerenshaw, 1975. Map 1457A,scale 1:250 000. Open File 249. See No. 122. (NTS 82O).

118. Geology of the Main Ranges of the Rocky Mountains from Vermilion Pass to Blaeberry River and Bow Lake, British Columbia - Alberta; D.G. Cook, 1974. Map 1368A, scale 1:75 000. Accompanies Geological Survey of Canada Bulletin 233. See No. 143 and No. 144 (parts of NTS 82N).

119. Rogers Pass (Golden; west half); J.O. Wheeler, 1963. Map 43-1962, scale 1:253 440. Accompanies G.S.C. Paper 62-32. (NTS 82N/3-6,11-14).

120. Medicine Lake (east and west halves); E.J. Mountjoy, 1976, scale 1:50 000. Open File 372, unedited; may be viewed by appointment at G.S.C. Library, Calgary (NTS 83C/13).[4]

121. Rocky Mountain House (unpublished portion of 1:250 000 map sheet 83B), scale 1:250 000 (in progress, 1975). (NTS 83B).

122. Calgary; N.C. Ollerenshaw, 1978. Map 1457A, scale 1:250 000. (NTS 82O).

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[4] Copies may be obtained from Riley's Datashare International Limited, 1223-31st Avenue, N.E., Calgary, Alberta T2E 7W1.

123. Cadomin (east and west halves). scale 1:50 000 (in progress. 1975). See No. 2 and No. 42. (NTS 83F).

124. Rainbow (east and west halves). scale 1:50 000 (in progress. 1975).

125. Jasper (east and west halves). scale 1:50 000 (in progress. 1975).

126. Edson sections (NTS 83F/1. 2. 7E. 8. 9 and 16). scale 1:250 000 (in progress. 1975). See No. 42 for NTS 83F/1. 2.

127. Mountain Park (east and west halves). scale 1:50 000 (in progress. 1975). See No. 1.

128. Pembina Forks (83C/15E) and Grave Flats (83C/15W). scale 1:50 000 (in progress. 1975). See No. 27 and No. 26 respectively.

129. Brown Creek (east and west halves). scale 1:50 000 (in progress. 1975). See No. 42.

130. Amethyst Lakes (east and west halves). scale 1:50 000 (in progress. 1975).

131. Athabasca Falls (east and west halves). scale 1:50 000 (in progress. 1975).

132. Southesk (east and west halves). scale 1:50 000 (in progress. 1975). See No. 42.

133. George Creek (west half). scale 1:50 000 (in progress. 1975). See No. 42.

134. Fortress Lake (east and west halves). scale 1:50 000 (in progress. 1975).

135. Sunwapta (east and west halves). scale 1:50 000 (in progress. 1975). See No. 42.

136. Job Creek (east and west halves). scale 1:50 000 (in progress. 1975). See No. 42.

137. Clemenceau Icefields (east and west halves). scale 1:50 000 (in progress. 1975).

138. Columbia Icefields (east and west halves). scale 1:50 000 (in progress. 1975).

139. Cline River (east and west halves), scale 1:50 000 (in progress, 1975).

140. Mistaya Lake (east and west halves), scale 1:50 000 (in progress, 1975).

141. Siffleur River (east and west halves), scale 1:50 000. Maps 1465A and 1466A. (NTS 82N/16 east half).

142. Blaeberry River (east and west halves), scale 1:50 000 (in progress, 1975).

143. Hector Lake (east and west halves); R.A. Price and E.W. Mountjoy, 1978, scale 1:50 000. Maps 1463A and 1464A. See No. 118. (NTS 82N/9 East 1/2 and West 1/2).

144. Lake Louise (east and west halves); R.A. Price, 1980, scale 1:50 000. Maps 1482A and 1483A. See No. 118. (NTS 82N/08).

145. Mount Goodsir (east and west halves); R.A. Price and E.W. Mountjoy, 1979, scale 1:50 000. Map 1476A and 1477A.

146. Mount Assiniboine (east and west halves), scale 1:50 000 (in progress, 1975).

147. Evans-Thomas Creek (east half) and Spray Lake (west half), scale 1:50 000 (in progress, 1975).

148. Bragg Creek (east half) and Moose Mountain (west half), scale 1:50 000 (in progress, 1975). See No.30 and No.34, respectively.

149. Priddis (east and west halves), scale 1:50 000 (in progress, 1975). See No. 24 and No. 29.

150. Kananaskis Lakes; Open File No. 634, scale 1:126 720. (NTS 82J W/2).

151. Dyson Creek (east half) and Mount Rae (west half), scale 1:50 000 (in progress, 1975). See No. 49.

152. Turner Valley (east and west halves), scale 1:50 000 (in progress, 1975). See No. 4 and No. 5.

153. Mount Head (west half), scale 1:50 000 (in progress, 1975).

154. Simson Creek (east and west halves). scale 1:50 000 (in progress, 1975). See No. 57 and No. 37.

155. Wapiti (unpublished portion of 1:250 000 NTS 83L). scale 1:250 000 (in progress, 1975). (NTS 83L).

156. Kootenay Lake Map Area, B.C. and Alberta NM11. scale 1:1 000 000. Open File 481, being revised for publication. A.Okulich and R.A. Price.

157. Mount Robson 83E: E.W. Mountjoy, 1980. Map 1499A, scale 1:250 000.

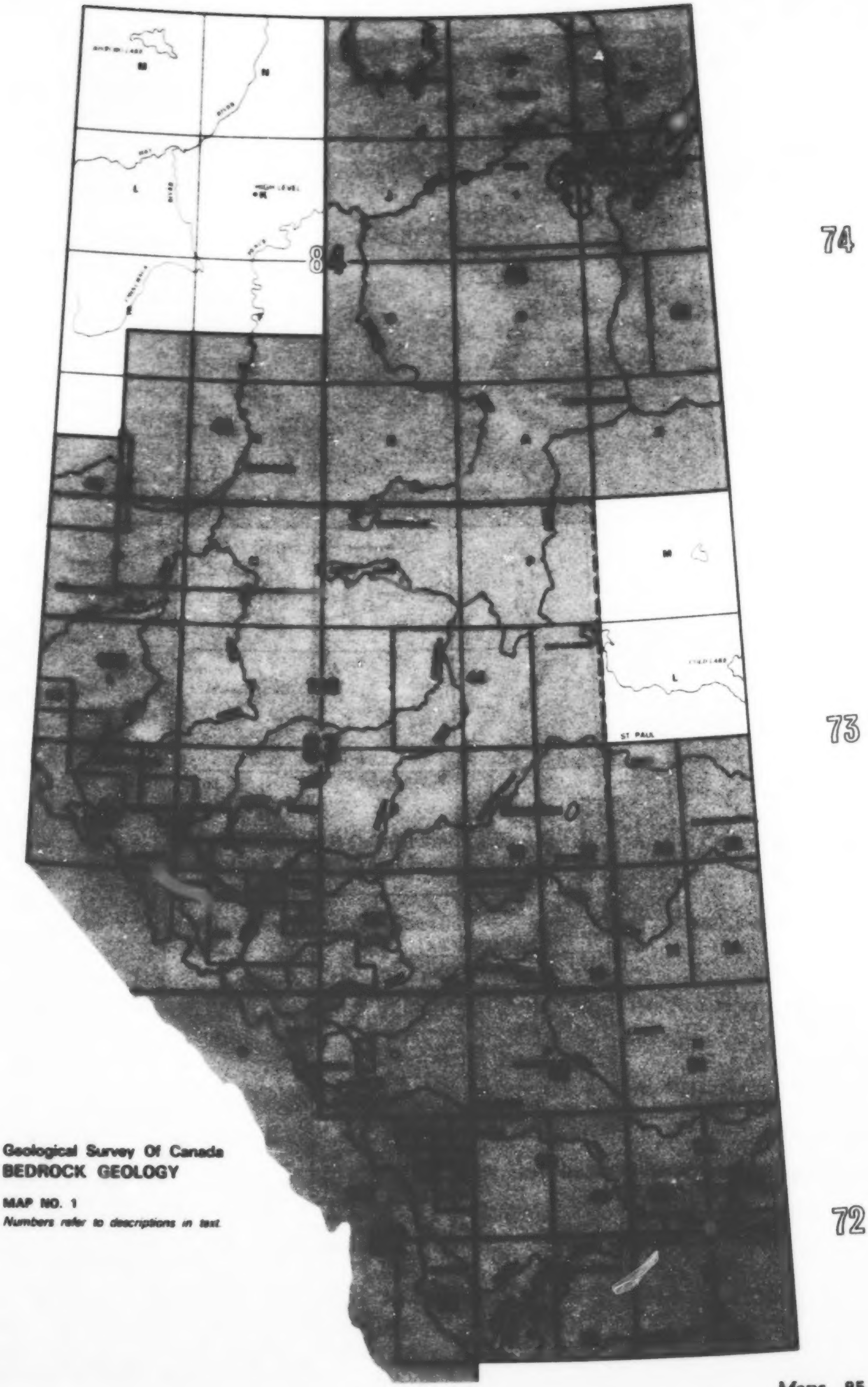
158. Golden (east half): H.R. Balkwill, R.A. Price and E.W. Mountjoy, 1979. Map 1496A, scale 1:50 000.

159. Golden (west half): H.R. Balkwell, R.A. Price and E.W. Mountjoy, 1979. Map 1497A, scale 1:50 000.

160. McMurdo (east half): R.A. Price, H.R. Balkwill and E.W. Mountjoy, 1980. Map 1501A, scale 1:50 000.

161. McMurdo (west half): R.A. Price and E.W. Mountjoy, 1979. Map 1502A, scale 1:50 000.

162. Athabasca River: R.A. Price, et al., 1979. Map 1339A, scale 1:1 000 000. (NTS 83).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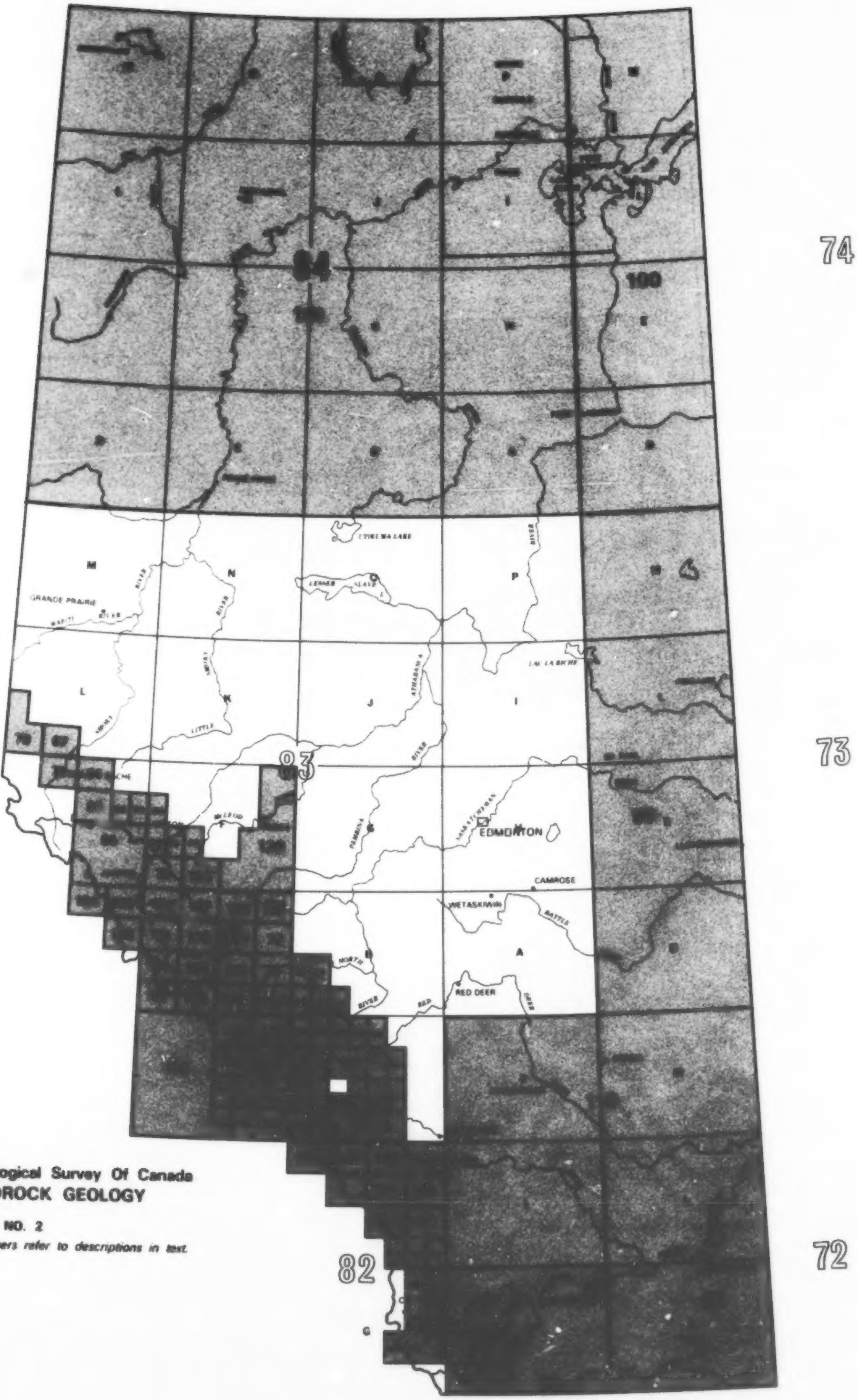
Geological Survey Of Canada
BEDROCK GEOLOGY

MAP NO. 1
Numbers refer to descriptions in text.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EDMONTON
CAMROSE
WETASKIWIN
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Geological Survey Of Canada
BEDROCK GEOLOGY

MAP NO. 2
Numbers refer to descriptions in text.

BEDROCK GEOLOGY - ALBERTA RESEARCH COUNCIL

Details: A series of bedrock geology maps illustrating the distribution, lithology, age and structure (attitude) of rock formations at or near the surface. The distribution of major bedrock formations in Alberta is summarized on a scale of 1:1 267 200 in the Geological Map of Alberta (see item 19 following).

File Size: 32 maps

Project Duration: 1947-

Source: Alberta Research Council, Alberta Geological Survey

Location: Bedrock geology maps may be obtained from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map	Description
1.	Geology of Red Deer and Rosebud Sheets; J.A. Allan and J.O. Sanderson, 1947. Scale 1:253 440. Accompanies Report 13. (NTS 82P: 83A).[5] [6]
2.	Geology and Coal Occurrences, Wapiti-Cutbank area; J.A. Allan and J.L. Carr, 1946. Scale 1:190 000 (approximately). Accompanies Report 48 (NTS 83L,M).
3.	Geology of Highwood-Elbow area; J.A. Allan and J.C. Carr, 1947. Scale 1:63 360. Accompanies Report 49. (NTS 82J).
4.	Geology of Ribbon Creek area; M.B.B. Crockford, 1949. Scale 1:63 360. Accompanies Report 52. (NTS 82J; 82O).
5.	Geology of Carbondale River area; W.H.A. Clow and M.B. Crockford, 1951. Scale 1:63 360. Accompanies Report 59. (NTS 82G).
6.	Clay Deposits of Elkwater area; M.B. Crockford, 1951. Scale 1:63 360. Accompanies Report 61. (NTS 72E).

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[5] Out of print.

[6] Available on microfiche.

7. Geology of the McMurray Formation: Part III General Geology of the McMurray area; 1959. Scale 1:253 440. Accompanies Memoir 1. (NTS 74D,E).[5]

8. Geology of the Andrew Lake, north district, Alberta; John Godfrey, 1961. Scale 1:31 680. Accompanies Earth Sciences Report 58-3. (NTS 74M).[5 6]

9. Geology of the Chinchaga River and Clear Hills (north half) map areas, Alberta; R. Green and G.B. Mellon, 1962. Scale 1:506 880. Accompanies Earth Sciences Report 62-8. (NTS 84D,E).[5 6]

10. Geology of Andrew Lake, south district; John Godfrey, 1963. Scale 1:31 680. Accompanies Earth Sciences Report 61-2. (NTS 74M).[5 6]

11. Geology of St. Agnes Lake district; John Godfrey and E.W. Perkert, 1963. Scale 1:31 680. Accompanies Earth Sciences Report 62-1. (NTS 74M).[5 6]

12. Geology of Colin Lake district; John Godfrey and E.W. Perkert, 1964. Scale 1:31 680. Accompanies Earth Sciences Report 62-2. (NTS 74M).

13. Geology of Bayonet, Ashton, Potts and Charles Lake districts; John Godfrey, 1966. Scale 1:31 680. Accompanies Earth Sciences Report 65-6. (NTS 74M).[5 6]

14. Geology and groundwater resources of the Peace River district, northwestern Alberta; J.F. Jones, 1966. Scale 1:506 880. Accompanies Bulletin 16. (NTS 83M,N: 84 C,D).[5 6]

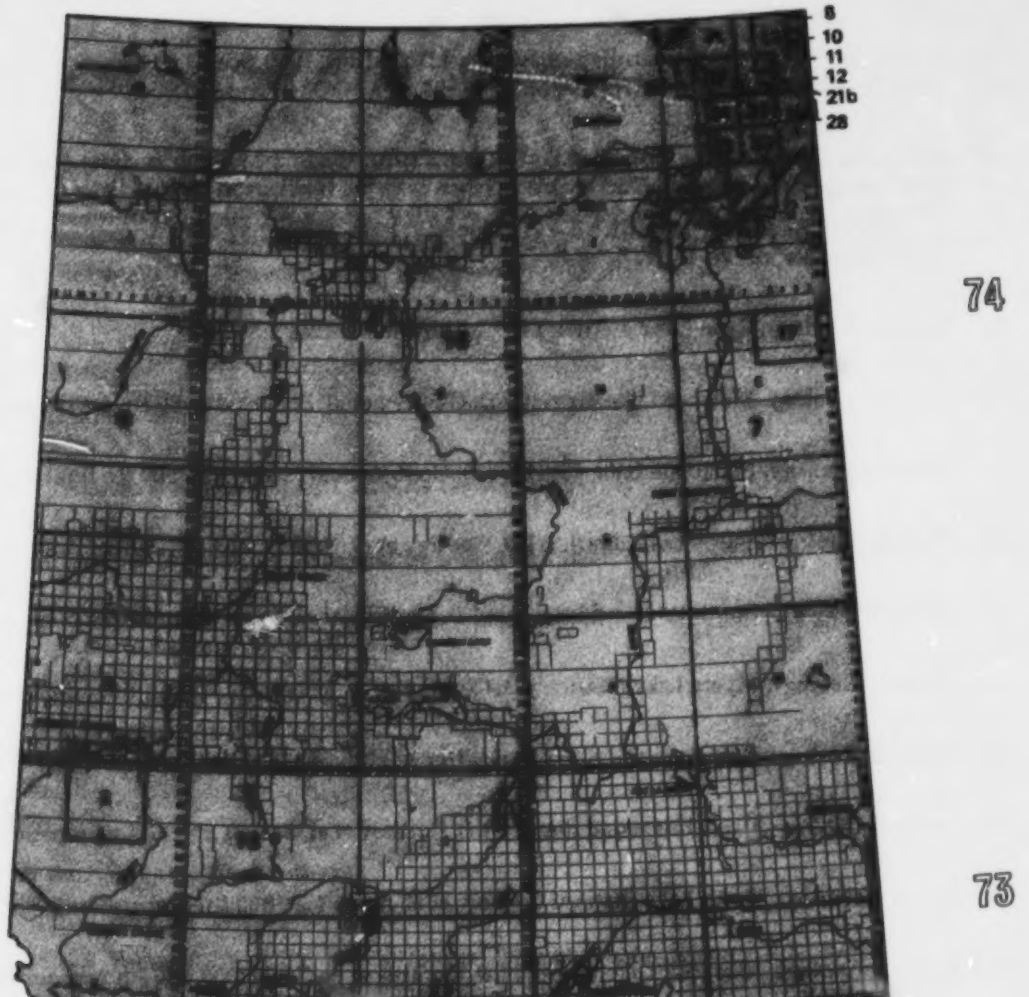
15. Precambrian Geology of the Jasper Region; H.A.K. Charlesworth et al., 1967. Scale 1:250 000. Accompanies Bulletin 23. (NTS 83D).

16. Bedrock Geology of northern Alberta; R. Green, M.A. Carrigy and G.B. Mellon, 1970. Scale 1:500 000. Two map sheets. (NTS 74D,E,L,M: 84).

17. Geology of the Marguerite River district, Alberta; John Godfrey, 1970. Scale 1:63 360. (NTS 74E).

18. Bedrock Geology, northwest-central Alberta; G.B. Mellon, J.W. Kramers and E.J. Seagel, 1972. Scale 1: 1 500 000 (approximately). In Information Series No. 60, pp. 109 - 124.[5]

19. Geological Map of Alberta; compiled by R. Green, 1972. Scale 1:1 267 200 (reprinted 1981).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Alberta Research Council
BEDROCK GEOLOGY

Numbers refer to descriptions in text.

20. Geology of the Fort Chipewyan district, Alberta; J.D. Godfrey, 1980. Scale 1:31 680. Accompanies Earth Sciences Report 78-3. (NTS 74L).

21. a. Geology, Wylie Lake district; J.D. Godfrey, 1979. Scale 1:31 680. Accompanies Earth Sciences Report 78-1. (NTS 74M).
    b. Geology, Alexander Lake district; J.D. Godfrey, 1978. Scale 1:31 680. Accompanies Earth Sciences Report 78-1. (NTS 74M).

22. Bedrock Geology, Ryan Lake district; J.D. Godfrey et al. Scale 1:31 680.

23. Bedrock Geology, Fletcher Lake district; J.D. Godfrey et al. Scale 1:31 680 (in press).

24. Bedrock Geology, Bocquene Lake district; J.D. Godfrey et al. Scale 1:31 680 (in final draft).

25. Bedrock Geology, Tuttle Lake district; J.D. Godfrey et al. Scale 1:31 680 (in final draft).

26. Bedrock Geology, South Fitzgerald district; J.D. Godfrey et al. Scale 1:31 680 (in final draft).

27. Bedrock Geology, Myers Lake district; J.D. Godfrey et al. Scale 1:31 680 (in final draft).

28. Bedrock Geology, Daly Lake district; J.D. Godfrey et al. Scale 1:31 680 (in final draft).

29. Bedrock Geology, North Fitzgerald district; J.D. Godfrey et al. Scale 1:31 680 (in preparation).

30. Bedrock Geology, Tulip Lake district; Godfrey et al. Scale 1:31 680 (in preparation).

31. Bedrock Geology, Mercredi Lake district; J.D. Godfrey et al. Scale 1:31 680 (in preparation).

BEDROCK TOPOGRAPHY - ALBERTA RESEARCH COUNCIL

Details: A series of maps depicting surface topography for the south and central parts of Alberta. The thickness of surficial deposits and the thalwegs of buried valleys are indicated on more recent maps (beginning with No. 9). Considerable information may be obtained from hydrogeological maps of the area in instances where bedrock topography maps are not available. (See section on Hydrogeological Maps.)

File Size: 27 maps

Project Duration: 1963-

Source: Alberta Research Council, Alberta Geological Survey

Location: Bedrock topography maps may be obtained from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map **Description**

1. Bedrock Topography of the Edmonton-Red Deer map area, Alberta; R.N. Farvolden, 1963. Scale 1:411 840. Accompanies Bulletin 12 (NTS 83A,H).[7] [8]

2. Bedrock Topography, Andrew area; E.B. LeBreton, 1963. Scale 1:101 376. Accompanies Bulletin 12 (NTS 83H).[7] [8]

3. Bedrock Topography of southwestern Alberta; K.W. Geiger, 1965 (reprinted 1969). Scale 1:253 440. Accompanies Report 65-1.[7]

4. Bedrock Topography and sand and gravel deposits, Peace River district; J.F. Jones, 1966. Scale 1:506 880. Accompanies Bulletin 16. (NTS 83M, N: 84C, D).[7] [8]

5. Bedrock Topography and surficial aquifers of the Edmonton district; V.A. Carlson, 1967. Four maps, Scale 1:50 000. Accompanies Earth Science Report 66-3. (NTS 83H).[7] [8]

6. Bedrock Topography of the Gleichen map area; K.W. Geiger, 1968. Scale 1:250 000. Accompanies Earth Science Report 67-2. (NTS 82I).

7. Bedrock Topography and surficial aquifers, Edson area; G.M. Gabert and M.A. Roed, 1968. Two maps, Scale 1:50 000. Accompanies Report 68-1. (NTS 83F).[7]

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[7] Out of print.

[8] Available on microfiche.

8. Bedrock Topography of the Drumheller map area; V.A. Carlson, 1969. Scale 1:250 000. (NTS 82I).

9. Bedrock Topography of the Medicine Hat map area; V.A. Carlson, 1970. Scale 1:250 000. (NTS 72L).

10. Bedrock Topography of the Oyen map area; V.A. Carlson, 1970. Scale 1:250 000. (NTS 72M).

11. Bedrock Topography of the Wabamun Lake map area; V.A. Carlson, 1971. Scale 1:250 000. (NTS 83G).

12. Bedrock Topography of the Wainwright map area; V.A. Carlson and L.M. Topp, 1972. Scale 1:250 000. (NTS 73D).

13. Bedrock Topography of the Rocky Mountain House area; V.A. Carlson, 1971. Scale 1:250 000. (NTS 83B).

14. Bedrock Topography of the Tawatinaw area; V.A. Carlson, 1977. Scale 1:250 000. (NTS 82J).

15. Bedrock Topography of the Calgary area; D.M. Borneuf. Scale 1:250 000 (in preparation).

16. Bedrock Topography of the Vermilion map area; V.A. Carlson and D.V. Currie, 1974. Scale 1:250 000. (NTS 73E).

17. Bedrock Topography of the Iosegun Lake map area; V.A. Carlson and R. Green. Scale 1:250 000. (NTS 83K).

18. Bedrock Topography of the Whitecourt area; V.A. Carlson and R. Green, 1977. Scale 1:250 000. (NTS 83J).

19. a. Bedrock Topography, Edmonton area (N.W. segment); R. Bibby. Scale 1:125 000 (in preparation). (NTS 83H).
    b. Bedrock Topography, Edmonton area (N.E. segment); R. Stein. Scale 1:125 000 (in preparation). (NTS 83H).
    c. Bedrock Topography, Edmonton (S.W. segment); W. Ceroisi. Scale 1:125 000. Report 78-5 (in manuscript). (NTS 83H).
    d. Bedrock Topography, Edmonton (S.E. segment); R. Stein and V.A. Carlson. Scale 1:125 000 (in preparation). (NTS 83H).

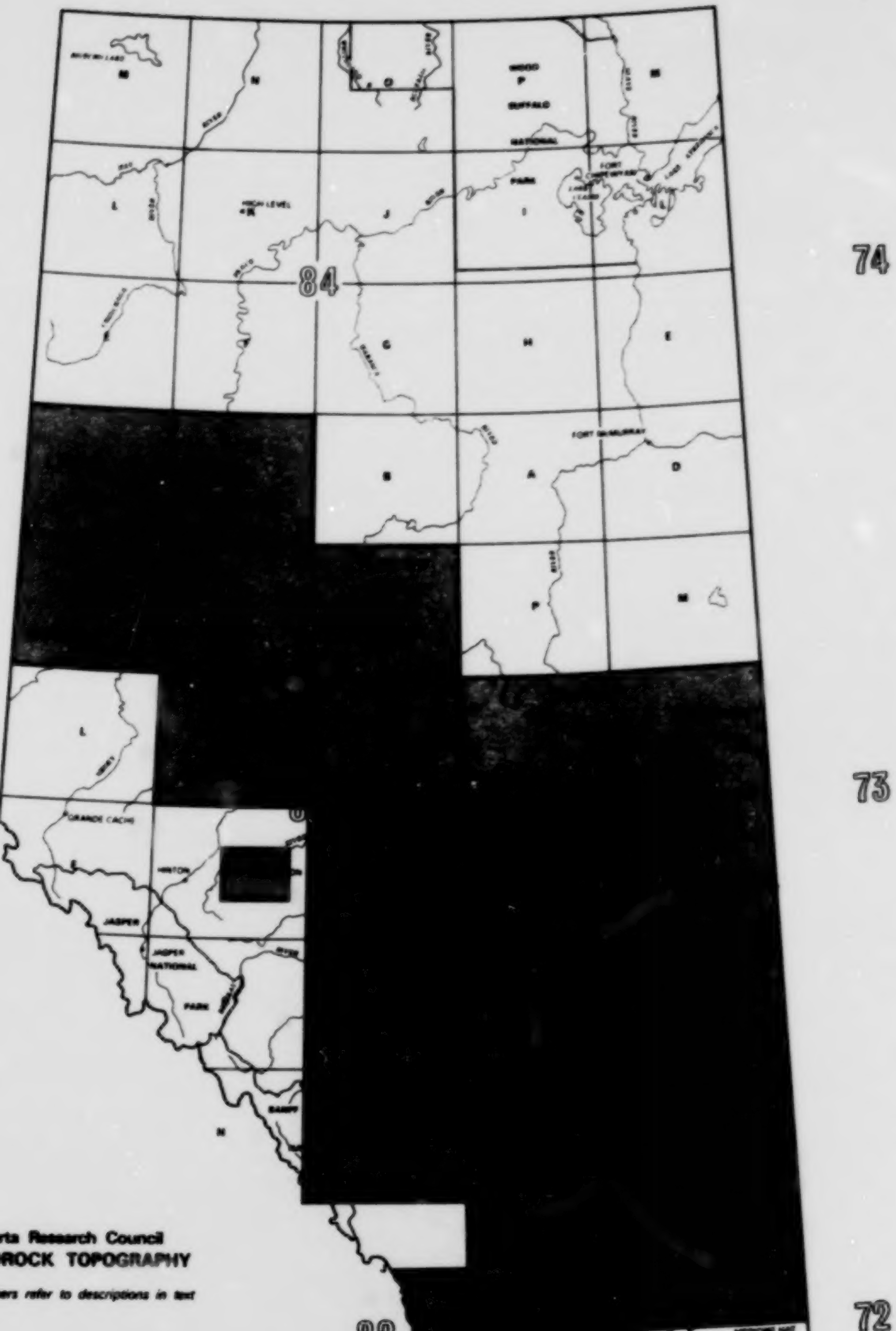
20. Bedrock topography of the Grande Prairie area; V.A. Carlson and D. Hackbarth, 1974. Scale 1:250 000. (NTS 83M).

21. Bedrock Topography and preglacial thalwegs in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Accompanies Bulletin 32 as Figure 20 (NTS 83H).

22. Bedrock Topography of the Lesser Slave Lake map area; R.I.J. Vogwill. Scale 1:250 000. (NTS 83O).

23. Bedrock Topography of Sand River Map Sheet NTS 73L; M. Fenton and L. Andriashek, 1983. Scale 1:250 000 (in preparation).

24. Bedrock Topography of Alberta; D.M. Borneuf. Scale 1:2 000 000 (in preparation).


84
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WOOD
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FORT McMURRAY
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GRANDE CACHE
HINTON
JASPER
JASPER
NATIONAL
PARK
BANFF
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G
MEDICINE HAT
E

Alberta Research Council
BEDROCK TOPOGRAPHY

Numbers refer to descriptions in text

COAL DISPOSITION MAP SERIES

Details: A series of maps indicating coal dispositions within the province are available at a scale of 1:125 000.

File Size: 194

Project Duration: 1958

Frequency of Update: Daily

Source: Alberta Energy and Natural Resources, Minerals Support Branch.

Location: Diazo copies available from:

Minerals Support Branch
Alberta Energy and Natural Resources
12th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7704

EAST CENTRAL ALBERTA REGIONAL GROUNDWATER RESOURCE INVENTORY

Details: Information from wells drilled by the water or oil and gas industies has been collected for the east central area of Alberta. Index maps are produced (NTS 73 L, M; 74D; 83 O, P; 84 A, B), along with appropriate cross-sections and bedrock topography maps, indicating glacial and preglacial channels, and hence the most likely fresh water aquifer locations.

File Size: 5000 (Est.)

Project Duration: 1980-

Source: Earth Sciences Division, Alberta Environment

Location: Information is available at:

Alberta Environment
Earth Sciences Division
14th Floor, 10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6198

ELECTORAL DISTRICT MAPS - FEDERAL

Details: Maps at a scale of 1:760 320 are available for Alberta North and Alberta South. The cities of Calgary and Edmonton are available at a scale of 1:25 000.

File Size: 3

Project Duration: Periodically

Source: Canada Department of Energy, Mines and Resources, Surveys and Mapping Branch

Location: Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ELECTORAL DIVISIONS MAP - PROVINCIAL

Details: Maps are available at scales of 1:750 000 and 1:2 500 000 showing the full province. Maps at scales of 1:40 000, 1:25 000 or 1:20 000 are available for the cities of Edmonton, Calgary, Lethbridge, Medicine Hat and Red Deer.

File Size: 7

Project Duration: 1977-

Frequency of Update: Periodically

Source: Legislative Assembly of Alberta, Chief Electoral Office

Location: Maps are available from:

Legislative Assembly
Chief Electoral Office
12220-Stony Plain Road
Edmonton, Alberta
(403) 427-1037

or

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ENERGY RESOURCES CONSERVATION BOARD (ERCB) MAPS

Details: The Board makes available a large selection of maps related to energy resource development in Alberta. Maps are usually issued as ozalid prints and a minimal fee is usually applied. The following maps are available from the ERCB:

1. **Oil, Gas and Pipeline Maps**
   a. Designated oil and gas fields and oil sands deposits, main pipelines, refineries, and gas processing plants, Alberta; 1980. Scales 1:1 250 000 and 1:2 500 000.
   b. Gas strike areas map, Alberta; 1981. Scale 1:750 000.

2. **Pipeline Maps**
   a. Oil and gas fields and main pipelines in Alberta. Revised monthly. Scale 1:750 000.
   b. Main gas pipelines in Alberta. Revised monthly. Scale 1:750 000.
   c. Main oil and gas pipelines in the Edmonton area. Revised monthly. Scale 1:50 000.
   d. Main oil and gas pipelines in the Edmonton area -Edmonton roadway system; 1980. Scale 1:40 000.*

3. **Coal Maps**
   a. Geological map of Alberta's major coal-bearing formations; 1978. Scale 1:2 500 000.
   b. Aerial extent of major coal zones in the plains region. 1980. Scale 1:2 500 000.
   c. Surface mineable coal in the Plains region of Alberta, north half. 1980. Scale 1:500 000.
   d. Surface mineable coal in the plains region of Alberta, south half. 1980. Scale 1:500 000.

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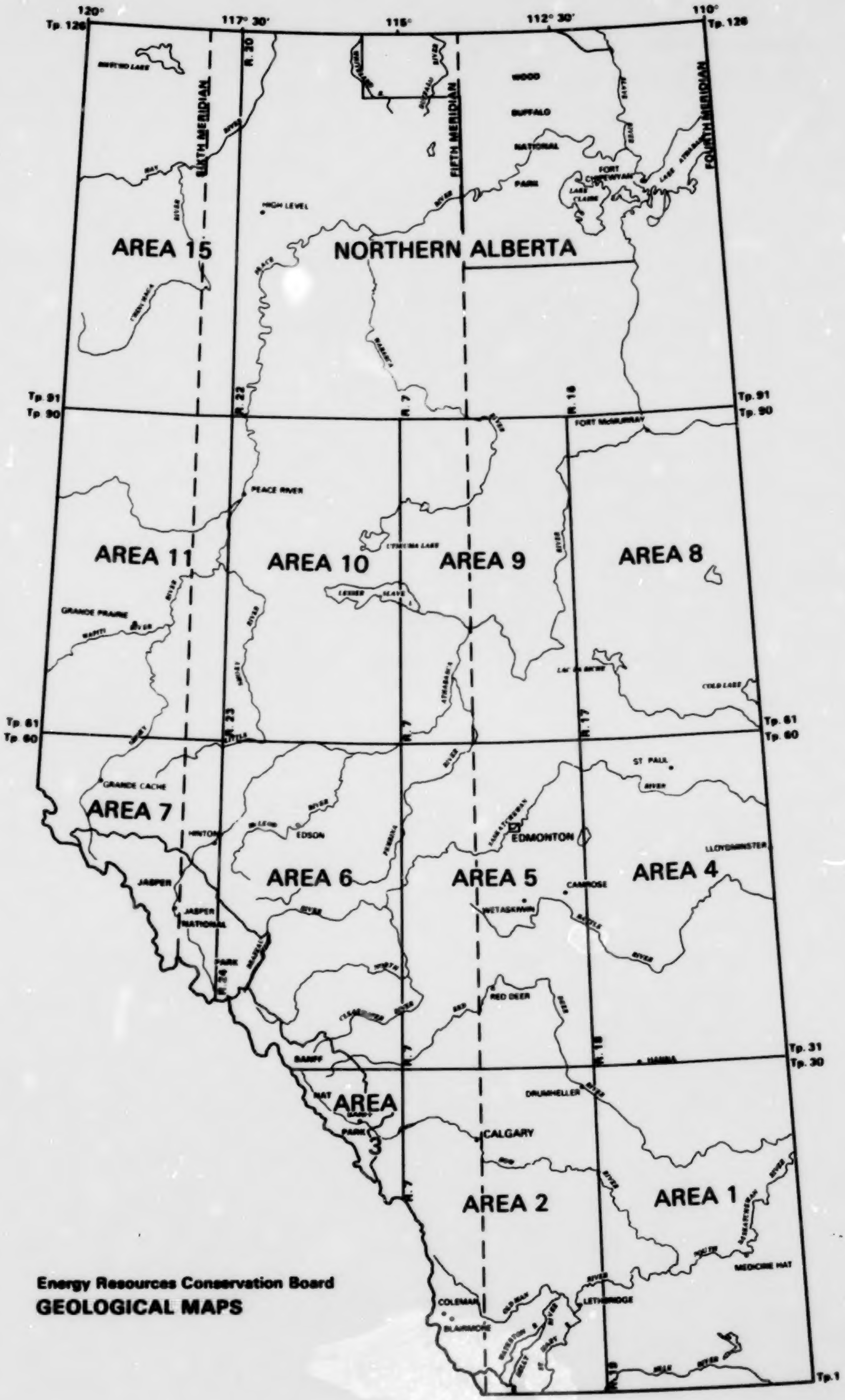
* Also available from: The City of Edmonton, Planning Department, 12th Floor, Century Place, 9803-102A Avenue, Edmonton, Alberta T5J 3A3. Phone (403) 428-4173.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117° 30'
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Tp. 60
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Tp. 1
R. 20
R. 22
R. 7
R. 16
R. 23
R. 17
R. 24
R. 18
R. 19
SIXTH MERIDIAN
FIFTH MERIDIAN
FOURTH MERIDIAN
WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
HIGH LEVEL
AREA 15
NORTHERN ALBERTA
FORT McMURRAY
PEACE RIVER
AREA 11
AREA 10
AREA 9
AREA 8
GRANDE PRAIRIE
WAPITI RIVER
LESSER SLAVE L.
LAC LA BICHE
COLD LAKE
ATHABASCA
GRANDE CACHE
AREA 7
HINTON
EDSON
ST. PAUL
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
AREA 6
AREA 5
AREA 4
CAMROSE
WETASKIWIN
BATTLE RIVER
RED DEER
BANFF
HANNA
AREA 3
BANFF NAT. PARK
DRUMHELLER
CALGARY
BOW RIVER
AREA 2
AREA 1
MEDICINE HAT
COLEMAN
BLAIRMORE
OLDMAN RIVER
LETHBRIDGE
MILK RIVER

Energy Resources Conservation Board
GEOLOGICAL MAPS

4. Geological Maps

(**Note:** Refer to index map of areas for geological maps.)

a. Structure of the Milk River Horizon.

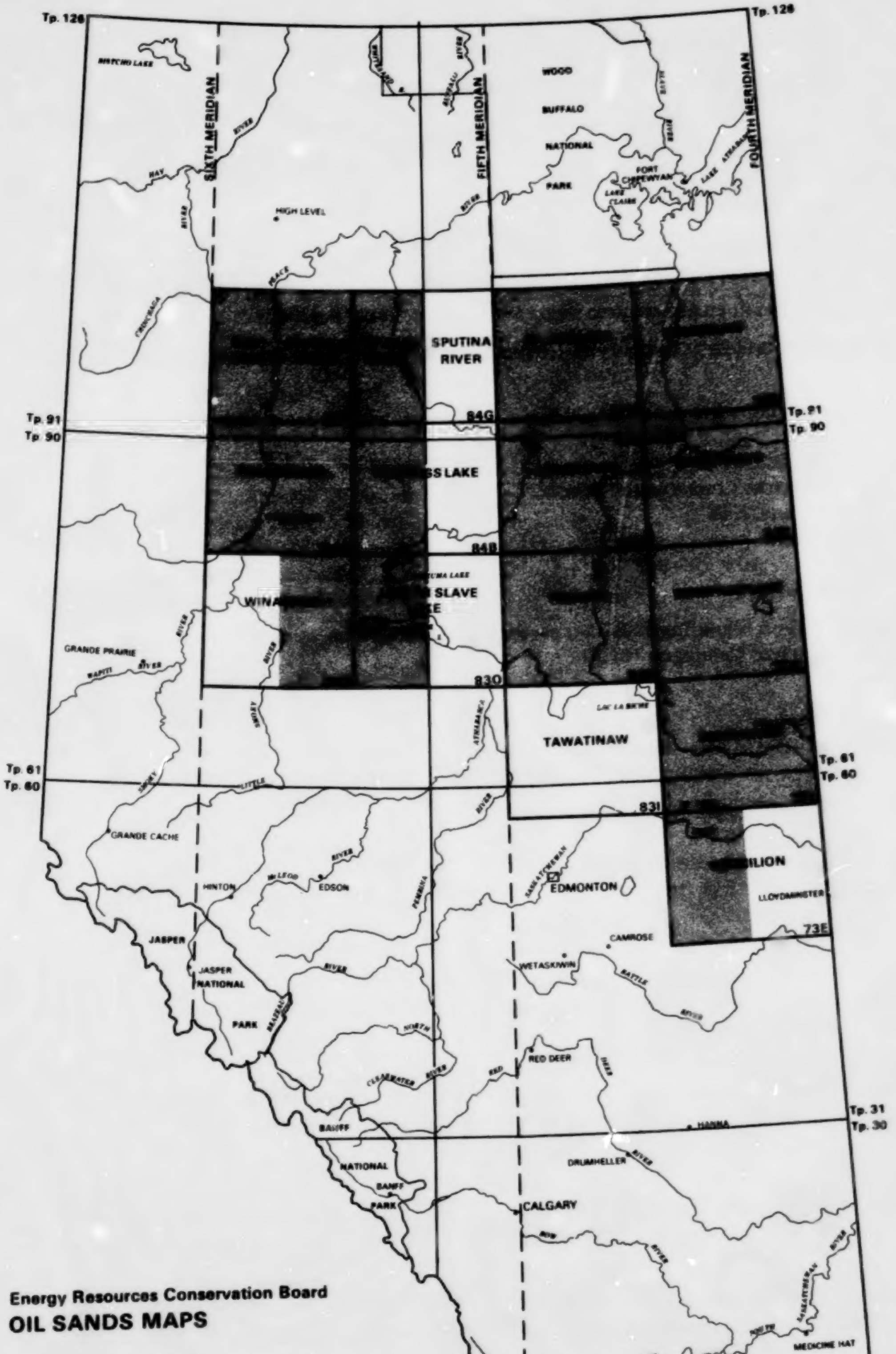
   1) Area 1.

b. Structure of the Base of Fish Scale Horizon.

   1) Area 1; 1976. Scale 1:253 440.
   2) Area 2; 1979. Scale 1:253 440.
   3) Area 4; 1969. Scale 1:253 440.
   4) Area 5; 1969. Scale 1:253 440.
   5) Area 6; 1976. Scale 1:253 440.
   6) Area 8; 1969. Scale 1:253 440.
   7) Area 9; 1969. Scale 1:253 440.
   8) Area 10; 1969. Scale 1:253 440.
   9) Area 11; 1969. Scale 1:253 440.
   10) Area 12; 1969. Scale 1:253 440.
   11) Area 15; 1969. Scale 1:253 440.
   12) Entire province; 1975. Scale 1:1 013 760.
   13) Northern Alberta; 1975. Scale 1:506 880.

c. Paleozoic Surface Maps.

   1) Area 1; 1975. Scale 1:253 440.
   2) Area 2; 1978. Scale 1:253 440.
   3) Area 4; 1977. Scale 1:253 440.
   4) Area 5; 1976. Scale 1:253 440.
   5) Area 6; 1978. Scale 1:253 440.
   6) Area 8; 1977. Scale 1:253 440.
   7) Area 9; 1978. Scale 1:253 440.
   8) Area 10; 1977. Scale 1:253 440.
   9) Area 11; 1977. Scale 1:253 440.
   10) Area 15; 1973. Scale 1:253 440.
   11) Northern Alberta; 1978. Scale 1:506 880.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SIXTH MERIDIAN
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LAKE CLAIRE
LAKE ATHABASCA
HAY RIVER
HIGH LEVEL
PEACE
SPUTINA RIVER
84G
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SS LAKE
84B
WINA
SLAVE
LAKE
83O
GRANDE PRAIRIE
WAPITI RIVER
SMOKY RIVER
ATHABASCA
LAC LA BICHE
TAWATINAW
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Tp. 60
83I
ILION
LLOYDMINSTER
73E
GRANDE CACHE
HINTON
McLEOD RIVER
EDSON
PEMBINA
SASKATCHEWAN
EDMONTON
JASPER
JASPER
NATIONAL
PARK
CAMROSE
WETASKIWIN
BATTLE RIVER
NORTH
CLEARWATER RIVER
RED DEER
RED DEER RIVER
HANNA
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Tp. 30
BANFF
NATIONAL
PARK
DRUMHELLER
CALGARY
BOW RIVER
SOUTH SASKATCHEWAN RIVER
MEDICINE HAT
OLDMAN RIVER
LETHBRIDGE
COLEMAN
BLAIRMORE
MILK RIVER
Tp. 1

Energy Resources Conservation Board

OIL SANDS MAPS

■ Maps Available from E.R.C.B.

5. **Oil Sands Area Maps**

(**Note:** Refer to index map for oil sand deposits area.)

a. Well Location Maps. Revised monthly. Scale 1:100 000 (NTS 73E, L, M; 74D, E; 83N, O, P; 84A, B, C, F, G, H).

6. **Miscellaneous Maps**

a. The Provincial Electric System: Electric Transmission Lines, Electric Energy Generating Stations and Utility Service Areas. 1981. Scale 1:1 000 000.

b. Archaeological Resource Sensitivity Zones. 1980. Scale 1:1 000 000.[10]

c. Alberta electric industry system map, 1981. Province of Alberta. 1981. Scale 1:1 000 000.

Location: Maps are available from:

Maps and Publications
Energy Resources Conservation Board
640-5th Avenue, S.W.
Calgary, Alberta
T2P 3G4 (403) 297-8328

For additional information regarding ERCB maps, consult Publications, available from the above address. Maps and Services Catalogue 1983

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[10] Also available from: Alberta Culture, Historical Resources Division, Archaeological Survey of Alberta, Old St. Stephen's College, 8820-112th Street, Edmonton, Alberta, T6G 2J6. Phone (403) 427-2355.

EXPLORATORY SOIL SURVEY SERIES

Details: A series of soil survey reports with maps (1:760 320) for the north and west-central parts of the province. Exploratory soil surveys involve cursory inspections of large areas and provide a regional classification of soil types.

File Size: 8

Project Duration: 1957-1964

Source: Alberta Research Council, Soils Department

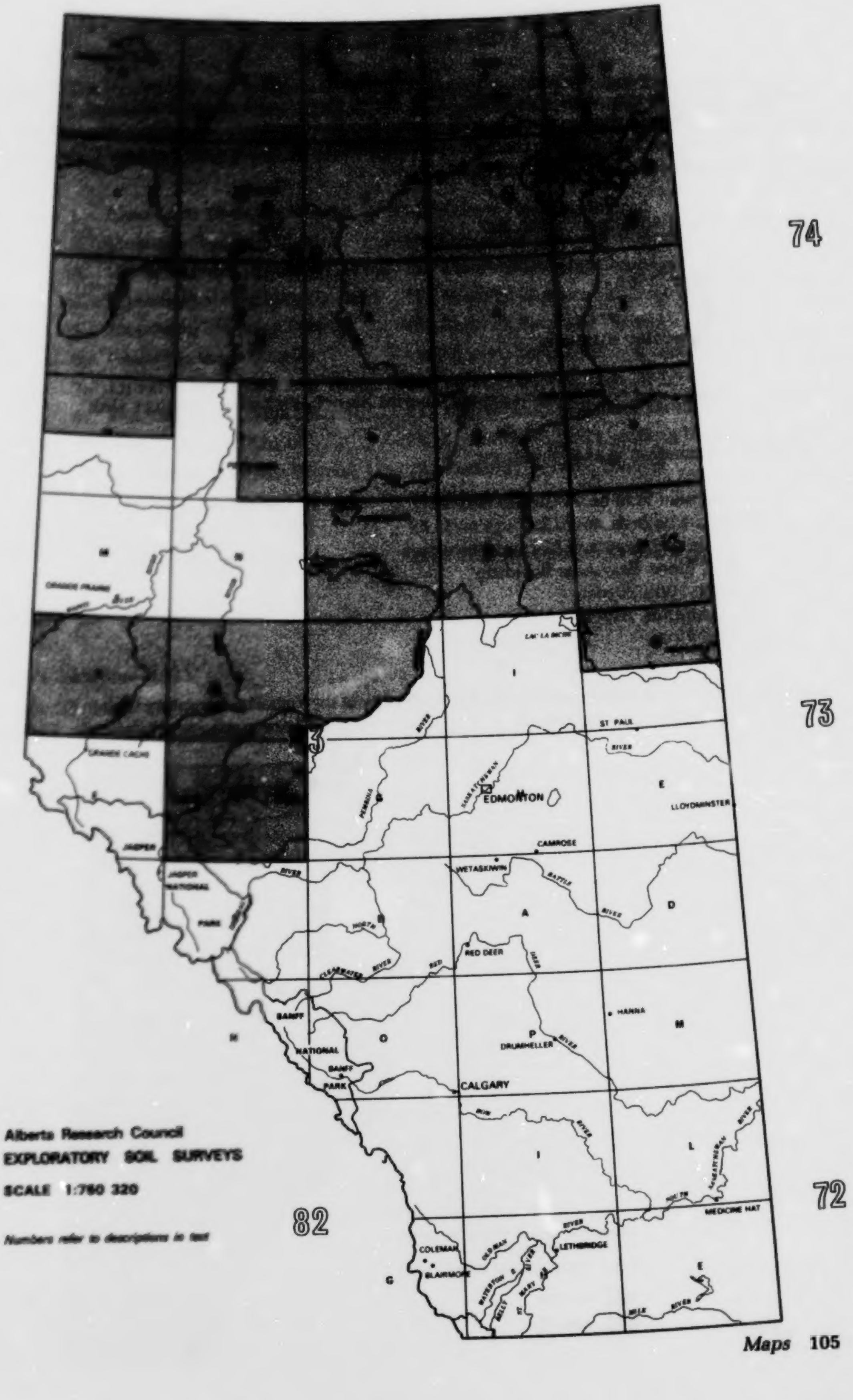
Location: Exploratory soil survey reports are available from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map	Description
1.	Exploratory soil survey of NTS 84-C (east half), 84-A and 74-D; J.D. Lindsay, P.K. Heringa, S. Pawluk and W. Odynsky, 1957. Scale 1:633 600. Four maps accompany Soil Survey Exploratory Report 58-1. (NTS 84A, B, C; 74D).
2.	Exploratory soil survey of NTS 84-D (north half), 84F and 84G; J.D. Lindsay, S. Pawluk and W. Odynsky, 1958. Scale 1:696 960. Four maps accompany Survey Exploratory Report 59-1. (NTS 84D, E, F, G).
3.	Exploratory soil survey of NTS 84-J, 84-K and 84-L; J.D. Lindsay, S. Pawluk and W. Odynsky, 1959. Scale 1:696 960. Three maps accompany Soil Survey Exploratory Report 60-1. (NTS 84J, K, L).
4.	Exploratory soil survey of NTS 84-M, 84-N and 84-O; J.D. Lindsay, S. Pawluk and W. Odynsky, 1961. Scale 1:696 960. Three maps accompany Soil Survey Exploratory Report 61-1. (NTS 84M, N, O).
5.	Exploratory soil survey of NTS 84-H, 84-I and 84-P; J.D. Lindsay, S. Pawluk and W. Odynski. Three maps accompany Soil Survey Exploratory Report 62-1. (NTS 84H, I, P).
6.	Exploratory soil survey of NTS 74-M, 74-L, 74-E and 73-L (north half); J.D. Lindsay, S. Pawluk and W. Odynsky, 1962. Scale 1:760 320. Four maps accompany Soil Survey Exploratory Report 63-1. (NTS 74E, L, M; 73L).

7. **Exploratory soil survey of NTS 83-O, 83-P and 74-M; A. Wynnyk, J.D. Lindsay, P.K. Heringa and W. Odynsky, 1964. Scale 1:760 320. Three maps accompany Soil Survey Exploratory Report 64-1. (NTS 83O, P; 74M).**

8. **Exploratory soil survey of 83-L, 83-K, 83-F and 83-J; J.D. Lindsay, A. Wynnyk and W. Odynsky, 1964. Scale 1:760 320. Four maps accompany Soil Survey Exploratory Report 64-2. (NTS 83F, J, K, L).**



Alberta Research Council

EXPLORATORY SOIL SURVEYS

SCALE 1:760 320

Numbers refer to descriptions in text

74
73
72
82
GRANDE PRAIRIE
LAC LA BICHE
ST PAUL
GRANDE CACHE
EDMONTON
LLOYDMINSTER
JASPER
CAMROSE
JASPER NATIONAL PARK
WETASKIWIN
RED DEER
HANNA
BANFF NATIONAL PARK
DRUMHELLER
CALGARY
MEDICINE HAT
COLEMAN
BLAIRMORE
LETHBRIDGE

FISH RESOURCE MAPS

Details: These maps, mostly at a 1:50 000 scale, show the known location of fish species throughout the province as well as waterbodies important for various stages of their life histories. Items shown include: spawning areas, migration routes, critical water supplies, rearing and overwintering areas.

File Size: 688 - 1:50 000; 9 - 1:250 000

Project Duration: 1968 -

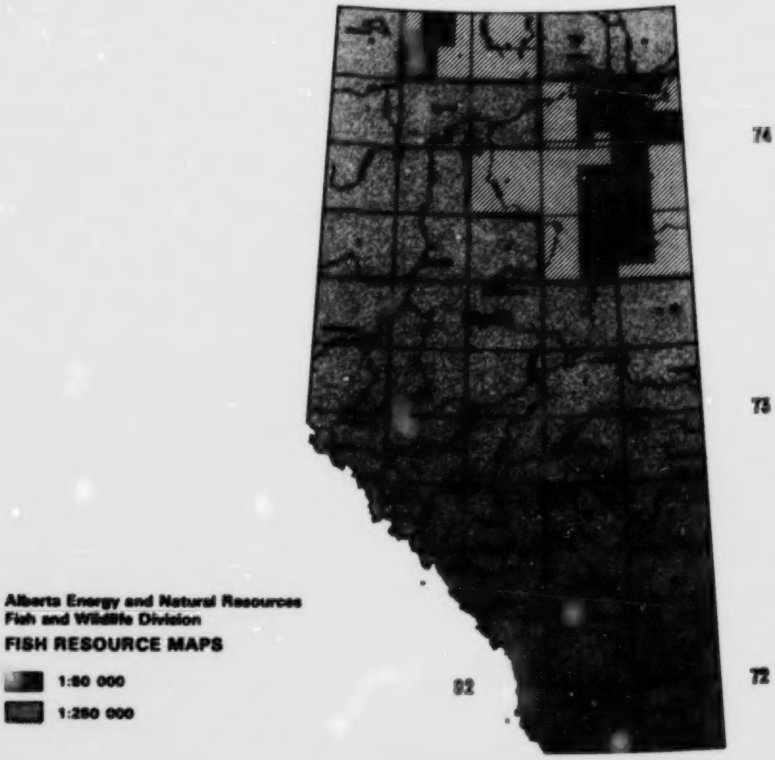
Frequency of Update: Annually

Source: Energy and Natural Resources, Fisheries Branch, Fisheries Inventory Unit

Location: Information is available from:

Regional Fish and Wildlife Offices
Fisheries Inventory Unit
Alberta Energy and Natural Resources
2nd Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-9506

While production and maintenance is the responsibility of the Fisheries Inventory Unit in Edmonton, access should be through the appropriate regional director. These maps are primarily for Fish and Wildlife use.


74
73
72
82
Alberta Energy and Natural Resources
Fish and Wildlife Division
FISH RESOURCE MAPS
1:50 000
1:250 000

FOOTHILLS RESOURCE ALLOCATION STUDIES

Details: The Foothills Resource Allocation Study was a comprehensive planning program designed to determine the most beneficial allocation of resources in the Alberta Foothills region on the basis of productivity and economic consideration. Maps have been prepared for the following areas at a scale of 1:126 720:

1. Clearwater Drainage District
2. Musreau Planning District
3. Upper Brazeau Drainage District
4. Cline-Siffleur Drainage District
5. Simonette Planning District
6. Ghost Drainage District
7. Lower Brazeau Drainage District
8. Blackstone Drainage District
9. Ram Drainage District
10. Highwood Drainage District
11. Red Deer Drainage District
12. Bow Drainage District
13. Castle Drainage District
14. Kakwa Planning District
15. Crowsnest Drainage District
16. Kananaskis-Spray Drainage District
17. Nordegg-Baptiste Drainage District
18. Redrock Planning District
19. Upper Smoky Planning District
20. Livingstone Drainage District
21. Elbow-Jumpingpound Drainage District
22. Lower North Saskatchewan Drainage District
23. Berland Planning District
24. Wapiti Planning District
25. Porcupine Hills Drainage District
26. North Saskatchewan Drainage District

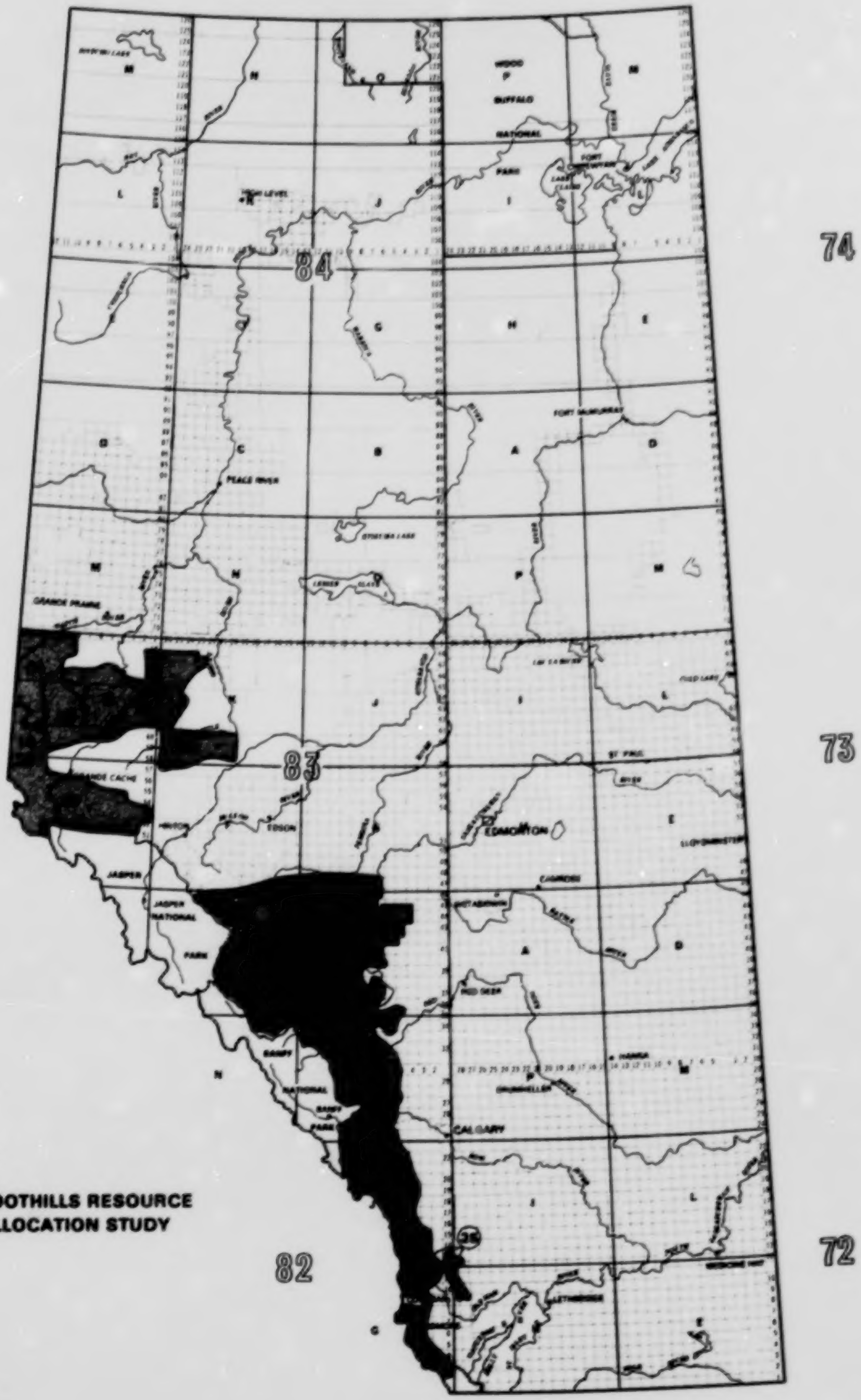
File Size: 26

Project Duration: 1973

Source: Canada Land Inventory Program, Lands Division

Location: Reports may be viewed at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425


WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
HIGH LEVEL
84
FORT McMURRAY
PEACE RIVER
LESSER SLAVE LAKE
GRANDE PRAIRIE
GRANDE CACHE
83
HINTON
EDSON
EDMONTON
LLOYDMINSTER
CAMROSE
JASPER
JASPER
NATIONAL
PARK
RED DEER
BANFF
NATIONAL
PARK
DRUMHELLER
HANNA
CALGARY
35
LETHBRIDGE
82
74
73
72

FOOTHILLS RESOURCE ALLOCATION STUDY

FORAGE INVENTORY PROGRAM

Details: This series of reports (some with maps) and related plot data provides a forage inventory of Alberta's public lands. The inventory assesses the natural vegetation and separates it into recognized associations. This information provides the opportunity for analysis of domestic and wildlife forage potentials.

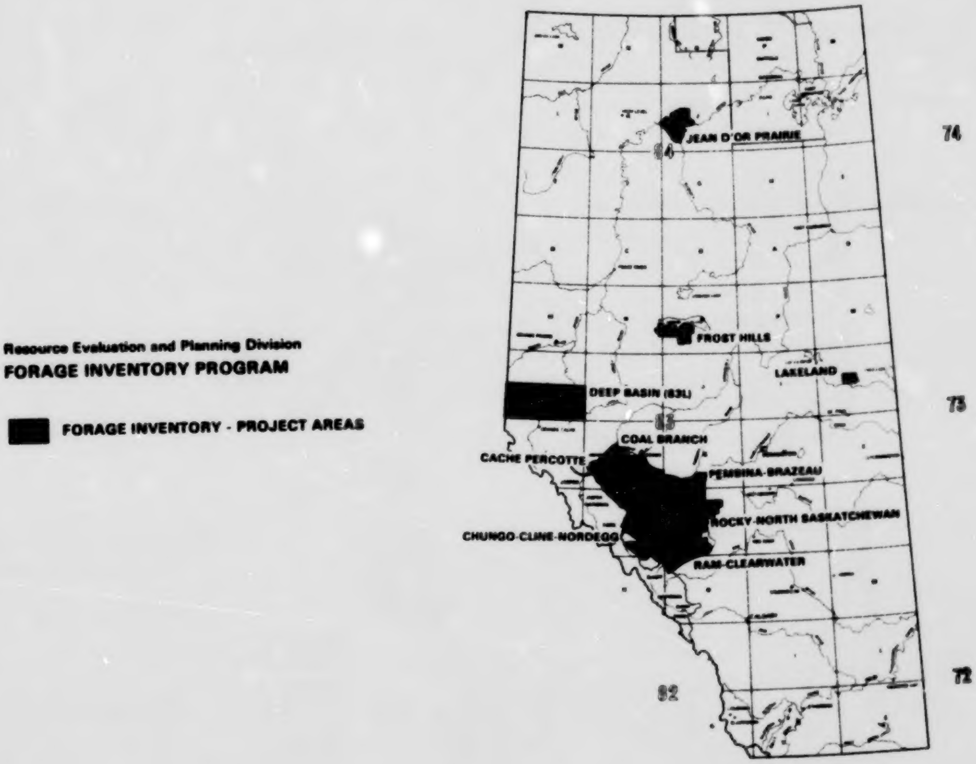
File Size: 10

Project Duration: 1978 -

Source: Alberta Energy and Natural Resources, Resource Evaluation Branch

Location: Forage inventory maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2C6 (403) 427-3520


Resource Evaluation and Planning Division
FORAGE INVENTORY PROGRAM
FORAGE INVENTORY - PROJECT AREAS
JEAN D'OR PRAIRIE
84
74
FROST HILLS
LAKELAND
DEEP BASIN (83L)
83
73
COAL BRANCH
CACHE PERCOTTE
PEMBINA-BRAZEAU
ROCKY-NORTH SASKATCHEWAN
CHUNGO-CLINE-NORDEGG
RAM-CLEARWATER
82
72

FOREST INVENTORY MAPPING

Details: Three distinct forest inventories, of increasing detail, have been conducted from 1948 to date for the forested regions of the province. The most recent, Phase III, providing the greatest detail, will have limited revisions conducted as information on harvested and burn areas becomes available.

The **Broad Inventory (Phase 1)** used 1948-1954 photography with the forest inventoried for density, height, and species with a minimum stand size of 160 acres (64.8 hectares). Mapping was at a scale of 1:40 000. This was later reduced to 1:63 360 and most recently, 1:50 000.

The **Detailed Inventory (Phase 2)** utilized 1956-1966 photography with information similar to the Broad Inventory (Phase 1). A minimum stand size of 40 acres (16.2 hectares) was used and maps were prepared primarily at a scale of 1:31 680.

The **Phase 3 Inventory**, which is currently nearing completion (spring 1984), describes forest density, height and species, age and site quality. The minimum stand size is 20 acres (8.10 hectares) except for highly merchantable stands which have been interpreted as small as two hectares. Maps are being mapped at 1:15 000.

File Size: 3600 Phase III maps (193 000 square kilometers)

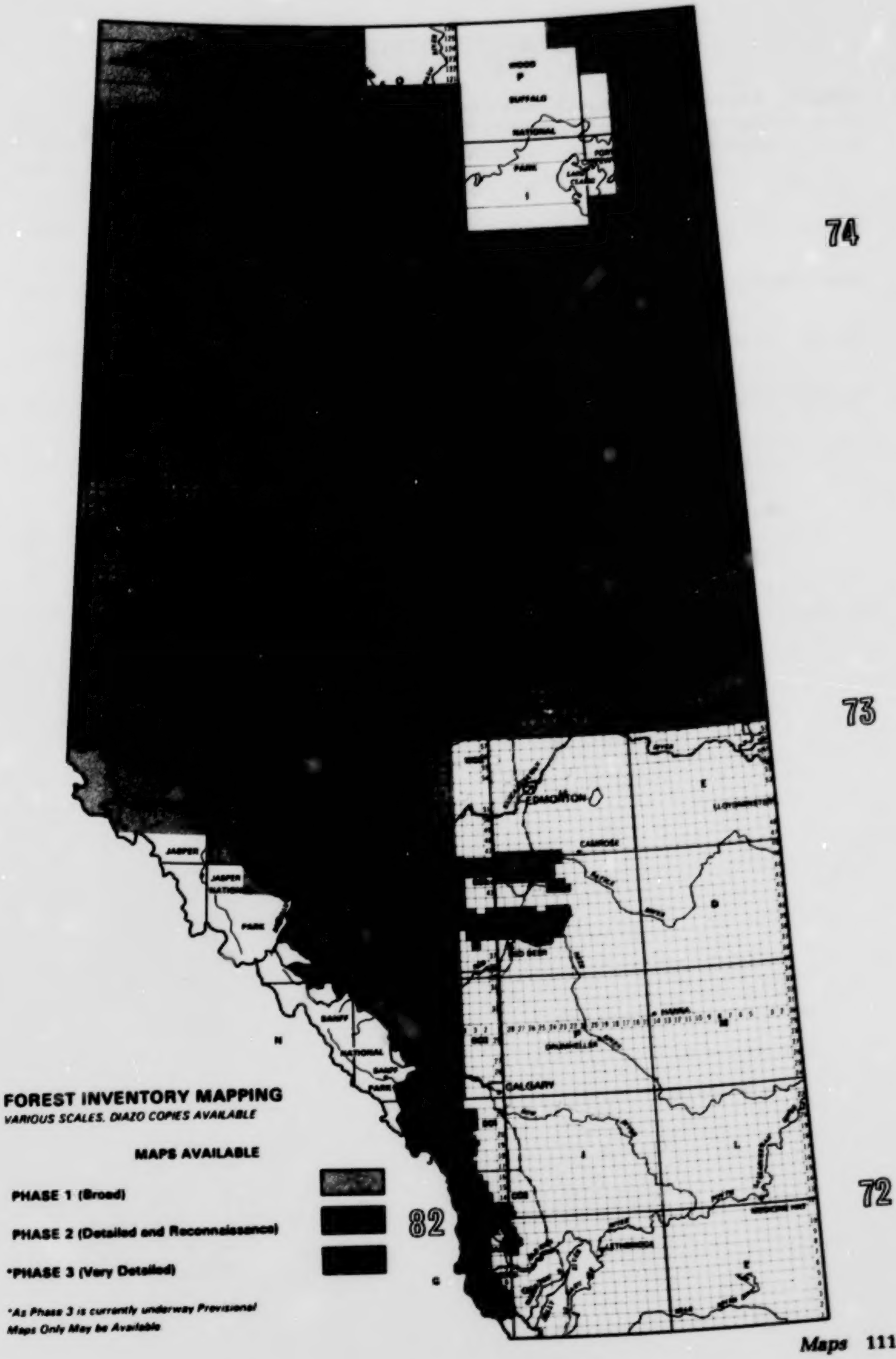
Project Duration: March 31, 1984

Frequency of Update: Limited until after April 1st, 1984

Source: Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Resource Evaluation Branch

Location: Diazo copies are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520


74
73
72
82
WOOD BUFFALO NATIONAL PARK
JASPER NATIONAL PARK
BANFF NATIONAL PARK
EDMONTON
CAMROSE
LLOYDMINSTER
RED DEER
HANNA
DRUMHELLER
CALGARY
LETHBRIDGE
MEDICINE HAT

FOREST INVENTORY MAPPING

VARIOUS SCALES, DIAZO COPIES AVAILABLE

MAPS AVAILABLE

PHASE 1 (Broad) ▨

PHASE 2 (Detailed and Reconnaissance) ■

***PHASE 3 (Very Detailed)** ■

**As Phase 3 is currently underway Provisional Maps Only May be Available*

GEOPHYSICAL SERIES (AEROMAGNETIC MAPS)

Details: A series of aeromagnetic maps (the northwestern and central-eastern parts of Alberta) depicting the variations in the total magnetic field of the earth at a height of 305 metres above the earth's surface. The contour interval used for the maps is 10 gammas (1 gamma = 1 nanotesla in SI units).

File Size: 235

Project Duration: 1962

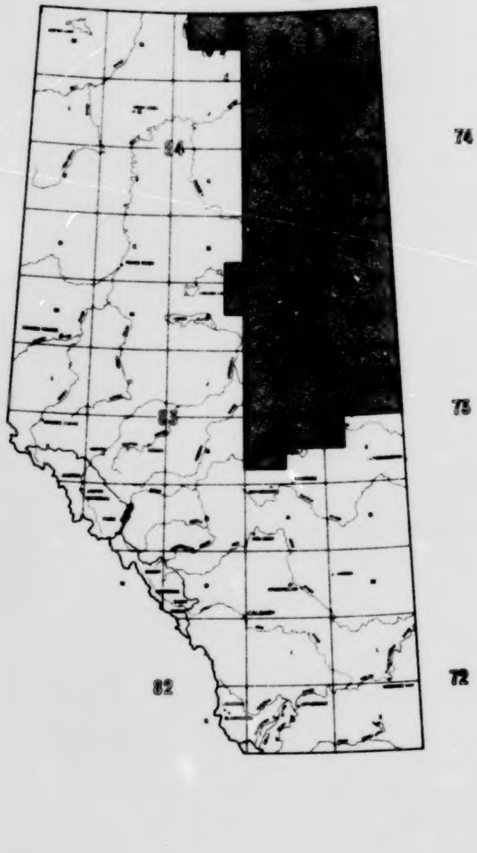
Source: Canada Department of Energy, Mines and Resources, Geological Survey of Canada

Location: 1:63 360 aeromagnetic maps are available from:

Manager, Minerals Support Branch
Alberta Energy and Natural Resources
12th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-7705

1:63 360 and 1:250 000 aeromagnetic maps available from:

Publications and Air Photo Section
Institute of Sedimentary
and Petroleum Geology
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0110



Geological Survey of Canada
Energy, Mines and Resources Canada
GEOPHYSICAL SERIES (AEROMAGNETIC)

▨ SCALE 1:63 360

◆ SCALE 1:250 000

HAIL RATE MAP

Details: A map showing the premium rate for hail insurance (in percentage) charged by the Alberta Hail and Crop Insurance in each township in Alberta. Rates reflect the long-term risk of hail occurrence.

File Size: 1

Project Duration: 1938-

Frequency of Update: Annually

Source: Alberta Hail and Crop Insurance Corporation

Location: For information regarding the availability of the map contact:

Alberta Hail and Crop Insurance Corporation
Agricultural Building
5718-56th Avenue
Bag Service #16
Lacombe, Alberta
T0C 1S0 (403) 782-4661

HYDROGEOLOGY, MISCELLANEOUS GROUNDWATER GEOLOGY AND RELATED MAPS

Details: A collection of reports and accompanying maps indicating the distribution, amounts and quality of groundwater contained in the surficial deposits and bedrock formations of an area.

File Size: 21

Project Duration: 1959-1979

Source: Alberta Research Council, Groundwater Department

Location: Reports are available from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map	**Description**
	Groundwater geology of the Beaverlodge district; J.F. Jones, 1960. Scale 1:126 720. Accompanies Earth Sciences Report 59-2 as map 59-2A (NTS 83M).[11] [12]
2.	Groundwater geology of the Beaverlodge district; J.F. Jones, 1960. Scale 1:126 720. Accompanies Earth Sciences Report 59-2 as map 59-2B (NTS 83M).[11] [12]
3.	Piezometric surface, summer 1958, Beaverlodge district; J.F. Jones, 1960. Scale 1:114 048. Accompanies Earth Sciences Report 59-2 as map 59-2C (NTS 83M).[11] [12]
4.	Geology and groundwater resources of the Milk River Sandstone in southern Alberta; P. Meyboom, 1960. In Memoir 2 (various maps) (NTS 72E, 84H).[11]
5.	Piezometric surface, Pembina district; R.M. Farvolden, 1961. Scale 1:135 590. Accompanies Earth Sciences Report 61-4 (NTS 83G).[11] [12]
6.	Groundwater resources of the city of Calgary and vicinity; P. Meyboom, 1961. Scale 1:50 000. Accompanies Bulletin 8 (1 map) (NTS 82I,J,O,P).[11] [12]

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[11] Out of Print.

[12] Available on microfiche.

7. Reconnaissance groundwater survey of the Oyen map-area. G.R. Kunkle, 1962. Scale 1:253 440. Accompanies Earth Sciences Report 62-3 (3 maps) (NTS 72M).

8. Water well records , Peace River district; J.F. Jones, 1962. Scale 1:506 880. Accompanies Earth Sciences Report 62-4 (1 map) (NTS 83M, N; 84C,D).[11,12]

9. Reconnaissance groundwater study, Swan Hills and adjacent area; J.F. Jones, 1962. Scale 1:253 440. Accompanies Earth Sciences Report 62-5 (1 map) (NTS 83J,K,N,O).[11,12]

10. Groundwater geology and hydrology of east-central Alberta; E.B. LeBreton, 1963. Scale 1:253 440. Accompanies Bulletin 13 (2 maps) (NTS 73D, E, L; 84A, H, I).[11]

11. Piezometric surface , Lloydminister district; E.G. LeBreton, 1963. Scale 1:126 720. Accompanies Bulletin 12 (NTS 73E).[11]

12. Piezometric surface, Andrew district; E.G. LeBreton, 1963. Scale 1:101 376. Accompanies Bulletin 12 (NTS 83H).[11,12]

13. Groundwater geology movement, chemistry and resources near Olds, Alberta; J. Toth, 1966. Accompanies Bulletin 17 (various maps) (NTS 82O).

14. A hydrogeological study of the Three Hills area; J. Toth, 1968. Accompanies Bulletin 24 (various maps) (NTS 82P).

15. Groundwater chemistry and hydrology of the Handhills Lake area, Alberta; A.V. Vanden Berg and D.H. Lennox, 1969. Accompanies Earth Sciences Report 69-1 (various maps) (NTS 82P).

16. Regional chemistry and water level distribution of the near-surface groundwaters of the Edmonton area (northwest segment); R. Bibby, 1974. Scale 1:304 128. Accompanies Earth Sciences Report 74-6 (various maps) (NTS 83H).

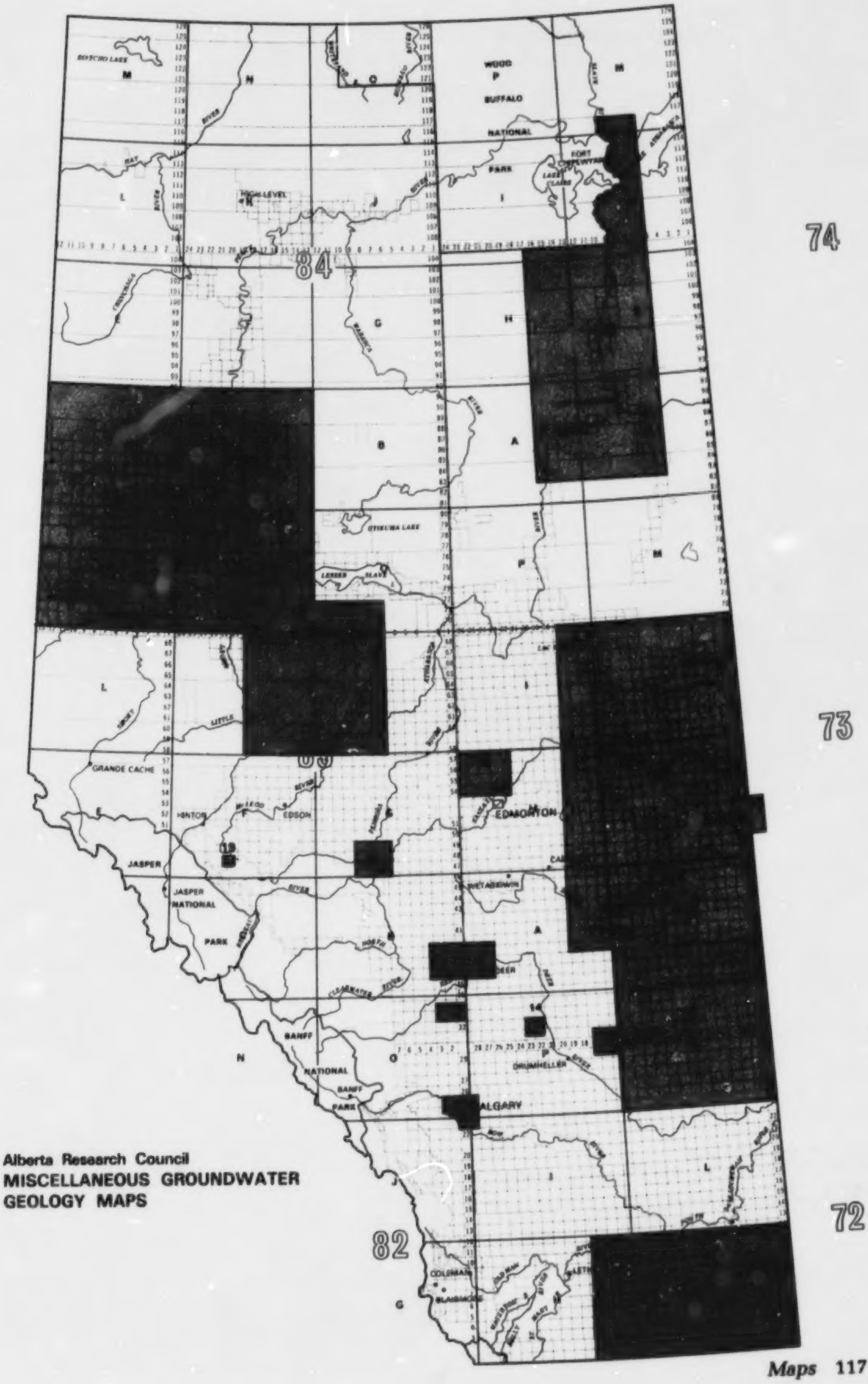
17. Hydrogeology of Red Deer and vicinity; G.M. Gabert, 1975. Accompanies Bulletin 31 (various maps) (NTS 83A, B).

18. Regional Chemistry of groundwater in the Wainwright area; D.A. Hackbarth, 1975. Scale 1:1 013 000 (approximately). Accompanies Earth Sciences Report 75-6 (various maps) (NTS 73D).

19. Hydrogeology of the Tri Creek Basin; D.V. Currie, 1976. Accompanies Bulletin 33 (various maps) (NTS 83F).

20. Groundwater conditions in the Grande Prairie-Beaverlodge area; D.A. Hackbarth, 1978. Accompanies Earth Sciences Report 77-4 (various maps) (NTS 83M).

21. Hydrogeology of the Athabasca Oil Sands area; D.A. Hackbarth and N. Nastasa, 1979. Accompanies Bulletin 38 (NTS 74E; 84H).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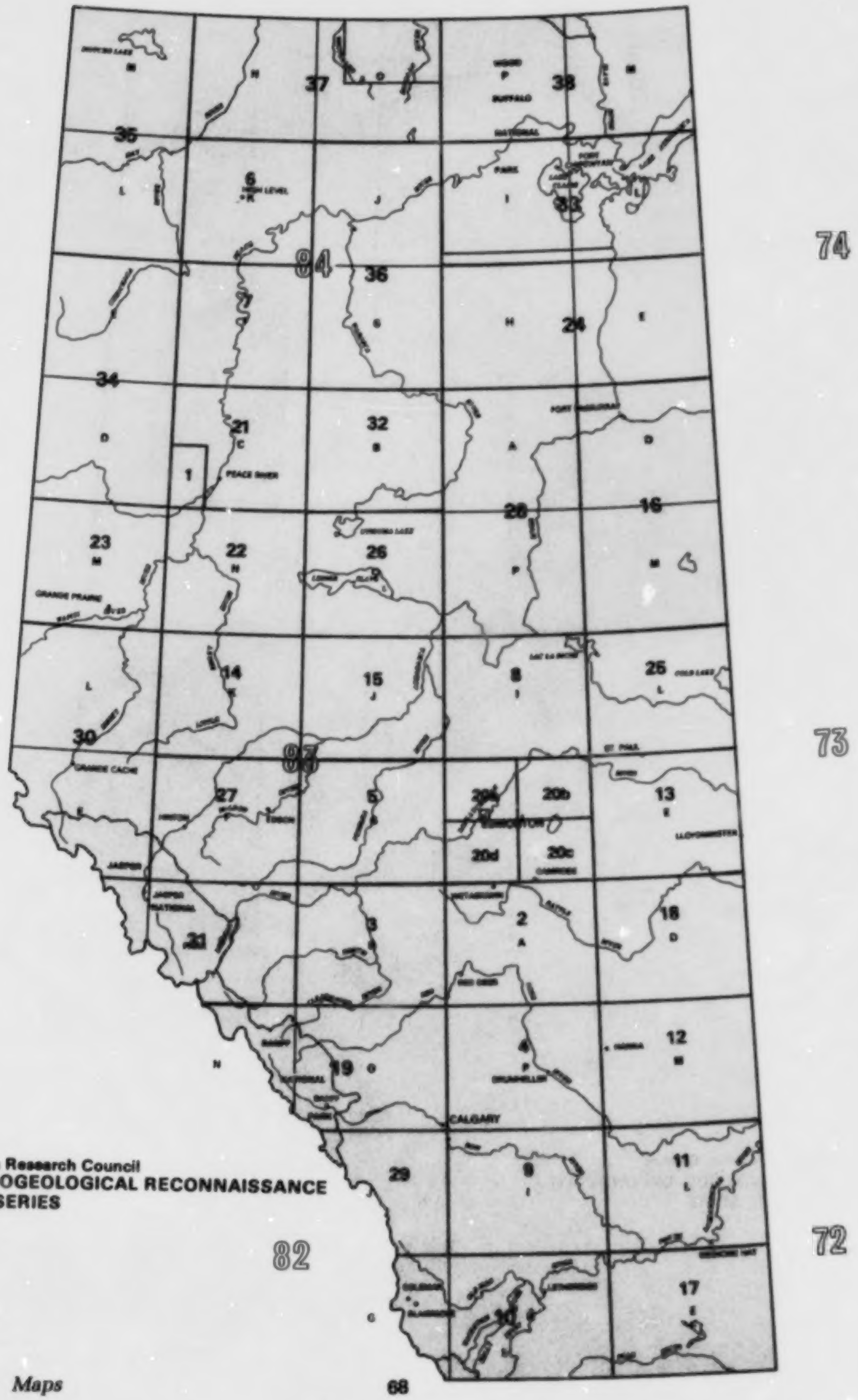
BUFFALO
NATIONAL
PARK
HIGH LEVEL
FORT CHIPEWYAN
LESSER SLAVE
UTIKUMA LAKE
GRANDE CACHE
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
WETASKIWIN
BANFF
BANFF NATIONAL PARK
DRUMHELLER
CALGARY
COLEMAN
BLAIRMORE
19
14

Alberta Research Council
MISCELLANEOUS GROUNDWATER GEOLOGY MAPS


37
38
35
6
HIGH LEVEL
33
84
74
36
24
34
21
32
1
PEACE RIVER
23
22
26
28
16
GRANDE PRAIRIE
14
15
8
25
30
83
73
GRANDE CACHE
27
5
20a
20b
13
EDMONTON
20d
20c
CAMROSE
LLOYDMINSTER
JASPER
31
3
2
18
RED DEER
19
4
DRUMHELLER
12
CALGARY
29
9
11
82
72
17
10
LETHBRIDGE
MEDICINE HAT

Alberta Research Council
HYDROGEOLOGICAL RECONNAISSANCE
MAP SERIES

HYDROGEOLOGICAL RECONNAISSANCE MAP SERIES

Details: A collection of hydrogeological maps indicating groundwater probabilities (expected average yields of wells drilled in the area under consideration), chemistry and certain aspects of flow systems for the area depicted.

File Size: 41 maps

Source: Alberta Research Council, Groundwater Department.

Location: Hydrogeological reconnaissance maps are available from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map **Description**

1. Hydrogeology of the Grimshaw-Chinook Valley area; O. Tokarsky, 1971. Scale 1:125 000. Accompanies Earth Sciences Report 71-2 (NTS 84C4/5).[11]

2. Hydrogeology of the Red Deer area; E.G. LeBreton, 1970. Scale 1:125 000. Accompanies Earth Sciences Report 71-1 (NTS 83A).[11]

3. Hydrogeology of the Rocky Mountain House area; O. Tokarsky, 1971. Scale 1:250 000. Accompanies Earth Sciences Report 71-3 (NTS 83B).[11]

4. Hydrogeology of the Drumheller area; D. Borneuf, 1972. Scale 1:250 000. Accompanies Earth Sciences Report 72-1 (NTS 82P).[11]

5. Hydrogeology of the Wabamun Lake area; G.F. Ozoray, 1972. Scale 1:250 000. Accompanies Earth Sciences Report 72-8 (NTS 83G).[11]

6. Hydrogeology of the Mount Watt area; O. Tokarsky, 1972. Scale 1:250 000. Accompanies Earth Sciences Report 72-3 (NTS 84K).

7. Hydrogeology of the Bison Lake area; O. Tokarsky, 1972. Scale 1:250 000. Accompanies Earth Sciences Report 72-2 (NTS 84F).[11]

8. Hydrogeology of the Tawatinaw area; D.M. Borneuf, 1973. Scale 1:250 000. Accompanies Earth Sciences Report 72-11 (NTS 83I).

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[11] Out of print.

9. Hydrogeology of the Gleichen area; G.F. Ozoray and A.T. Lytviak, 1974. Scale 1:250 000. Accompanies Earth Sciences Report 74-9 (NTS 82I).[11]

10. Hydrogeology of the Lethbridge-Fernie area; O. Tokarsky, 1974. Scale 1:250 000. Accompanies Earth Sciences Report 74-1 (1 map) (NTS 82G,H).[11]

11. Hydrogeology of the Medicine Hat area; D.R. Stevenson and D.M. Borneuf, 1977. Scale 1:250 000. Accompanies Earth Sciences Report 75-2 (NTS 72L).[11]

12. Hydrogeology of the Oyen area; D.M. Borneuf, 1978. Scale 1:250 000. Accompanies Earth Sciences Report 78-2 (NTS 72M).

13. Hydrogeology of the Vermilion area; D.V. Currie and N. Zacharko, 1976. Scale 1:250 000. Accompanies Earth Sciences Report 75-5 (2 maps) (NTS 73E).

14. Hydrogeology of the Isoegun Lake area; O. Tokarsky, 1977. Scale 1:250 000. Accompanies Earth Sciences Report 76-2 (NTS 83K).

15. Hydrogeology of the Whitecourt area; O. Tokarsky, 1977. Scale 1:250 000. Accompanies Earth Sciences Report 76-3 (NTS 83J).

16. Hydrogeology of the Waterways-Winefred Lake area; G.F. Ozoray, 1974. Scale 1:500 000. Accompanies Earth Sciences Report 74-2 (NTS 73M, 74D).

17. Hydrogeology of the Foremost area; D.M. Borneuf, 1976. Scale 1:250 000. Accompanies Earth Sciences Report 74-4 (NTS 72E).

18. Hydrogeology of the Wainwright area; D.A. Hackbarth, 1975. Scale 1:250 000. Accompanies Earth Sciences Report 75-1 (NTS 73D).

19. Hydrogeology of the Calgary-Golden area; G.F. Ozoray and R. Barnes, 1978. Scale 1:250 000. Accompanies Earth Sciences Report 77-2 (NTS 82N, O).

20. a. Hydrogeology of the Edmonton area (N.W. segment); R. Bibby, 1974. Scale 1:125 000. Accompanies Earth Sciences Report 74-10 (NTS 83H).

    b. Hydrogeology of the Edmonton area (N.E. segment); R. Stein, 1976. Scale 1:125 000. Accompanies Earth Sciences Report 76-1 (NTS 83H).[11]

c. Hydrogeology of the Edmonton area (S.E. segment); R. Stein, 1979. Scale 1:125 000. Accompanies Earth Sciences Report 79-6 (NTS 83H).

d. Hydrogeology of the Edmonton area (S.W. segment); W.Ceroici, 1978. Scale 1:125 000. Accompanies Earth Sciences Report 78-5 (NTS 83H).

21. Hydrogeology of the Peace River area; D.M. Borneuf, 1981. Scale 1:250 000. Accompanies Earth Sciences Report 81-2(NTS 84C).

22. Hydrogeology of the Winagami area; D.M. Borneuf, 1980. Scale 1:250 000. Accompanies Earth Sciences Report 79-3 (NTS 83N).

23. Hydrogeology of the Grande Prairie area; D.A. Hackbarth, 1977. Scale 1:250 000. Accompanies Earth Sciences Report 76-4 (NTS 83M).

24. Hydrogeology of the Bitumount-Namur Lake area; G.F. Ozoray, A.T. Lytviak and D.A. Hackbarth, 1980. Scale 1:250 000. Accompanies Earth Sciences Report 78-6 (1 map) (NTS 74E, 84H).

25. Hydrogeology of the Sand River area; G.F. Ozoray and A.T. Lytviak, 1979. Scale 1:250 000. Accompanies Earth Sciences Report 79-1 (NTS 73L).

26. Hydrogeology of the Lesser Slave Lake area; R.I.J. Vogwill, 1978. Scale 1:250 000. Accompanies Earth Sciences Report 77-1 (NTS 83O).

27. Hydrogeology of the Edson area; R.I.J. Vogwill, 1979. Scale 1:250 000. Accompanies Earth Sciences Report 79-7 (NTS 83F).

28. Hydrogeology of the Pelican-Algar Lake area; G.F.Ozoray and A.T. Lytviak, 1980. Scale 1:500 000. Accompanies Earth Sciences Report 80-1 (1 map) (NTS 83P, 84A).

29. Hydrogeology of the Kananaskis Lake area; D.M. Borneuf, 1980. Scale 1:250 000. Accompanies Earth Sciences Report 79-4 (NTS 82J).

30. Hydrogeology of the Mount Robson-Wapiti area; R.G. Barnes, 1978. Scale 1:500 000. Accompanies Earth Sciences Report 76-5 (1 map) (NTS 83E, L).

31. Hydrogeology of the Brazeau-Canoe River area; R.G. Barnes, 1978. Scale 1:250 000. Accompanies Earth Sciences Report 77-5 (1 map) (NTS 83C, D).

32. Hydrogeology of the Peerless Lake area; W. Ceroici, 1979. Scale 1:250 000. Accompanies Earth Sciences Report 79-5 (NTS 84B).

33. Hydrogeology of the Fort Chipewyan-Lake Claire area; A.T. Lytviak, (in preparation). Scale 1:500 000 (NTS 74L).

34. Hydrogeology of the Clear Hills-Chinchaga River area; G.F. Ozoray, 1982. Scale 1:500 000. Accompanies Earth Sciences Report 82-4 (NTS 84D, E).

35. Hydrogeology of the Zama-Bistcho Lake area; D.M. Borneuf, 1981. Scale 1:500 000. Accompanies Earth Sciences Report 80-3 (NTS 84L, M).

36. Hydrogeology of the Wadlin and Vermilion Chutes; A.T. Lytviak, (in preparation). Scale 1:500 000.

37. Hydrogeology of the Steen River-Whitesand River area; G.F. Ozoray, 1980. Scale 1:500 000. Accompanies Earth Sciences Report 80-2 (1 map) (NTS 84N, O).

38. Hydrogeology of the Peace Point and Fitzgerald area; R. Stein, (in preparation). Scale 1:500 000.

INTERPROVINCIAL BOUNDARY PLANS AND EAST OUTLINES

Details: Interprovincial boundary plans have been prepared for the Alberta-British Columbia and Alberta-Northwest Territories boundaries. Similarly, east outlines have been prepared for the Alberta-Saskatchewan boundary. Boundary monuments, distances and elevation are indicated on both boundary plans and east outlines.

Being derived from aerial photographs, the boundary plans for the Alberta-British Columbia boundary indicate contours and topography in a very general graphical fashion. East outlines provide a description of the vegetation, hydrography and topography; e.g. "Rough, broken surface with steep slopes; rock ridges with muskegs and lakes; large areas of brule and windfall jackpine and spruce 1" to 8" diameter, willow and alder."

File Size: 165

Project Duration: 1917-1956

Source: Canada Department of Energy, Mines and Resources, Surveys and Mapping Branch

Location: Boundary plans and east outlines are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

LAND CAPABILITY FOR WATERFOWL

Details: A series of Canada Land Inventory (CLI) and Alberta Land Inventory (ALI) maps in which the land is divided into units on the basis of physiographic characteristics important to waterfowl populations. The degree of limitation associated with each unit determines its capability class. CLI and ALI maps differ in format only.

File Size: 1 237

Project Duration: 1961-

Source: Environment Canada, Lands Directorate; Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Land capability maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

LAND CAPABILITY FOR UNGULATES

Details: A series of Canada Land Inventory (CLI) and Alberta land Inventory (ALI) maps in which the land is divided into units on the basis of physiographic characteristics important to wild ungulates. The degree of limitation associated with each unit determines its capability class. CLI and ALI maps differ in format only.

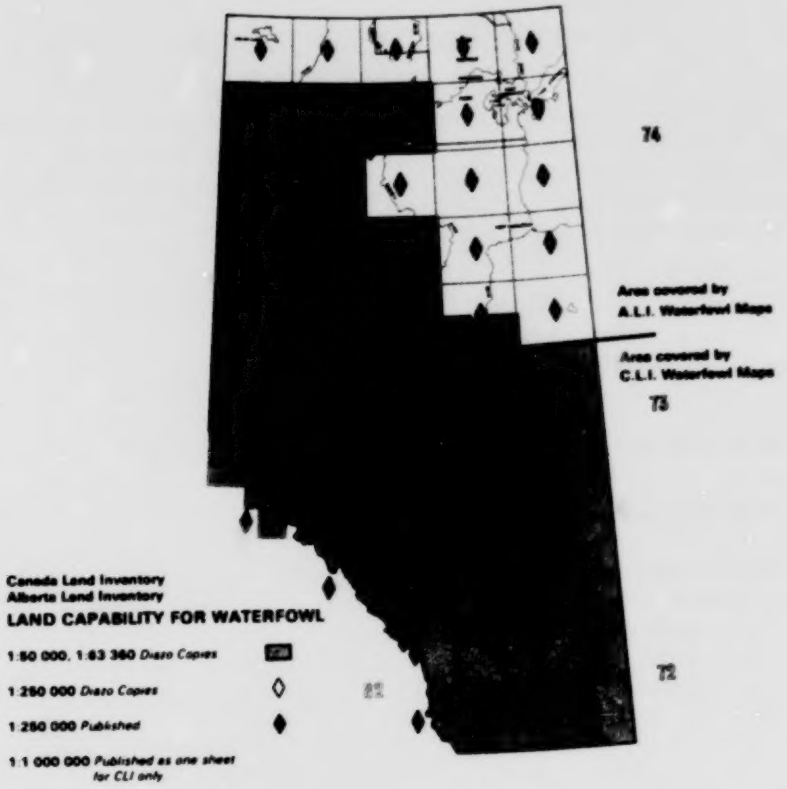
File Size: 1502

Project Duration: 1961-1977

Source: Environment Canada, Lands Directorate; Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Land capability maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520


74
Area covered by
A.L.I. Waterfowl Maps
Area covered by
C.L.I. Waterfowl Maps
73
82
72

Canada Land Inventory
Alberta Land Inventory

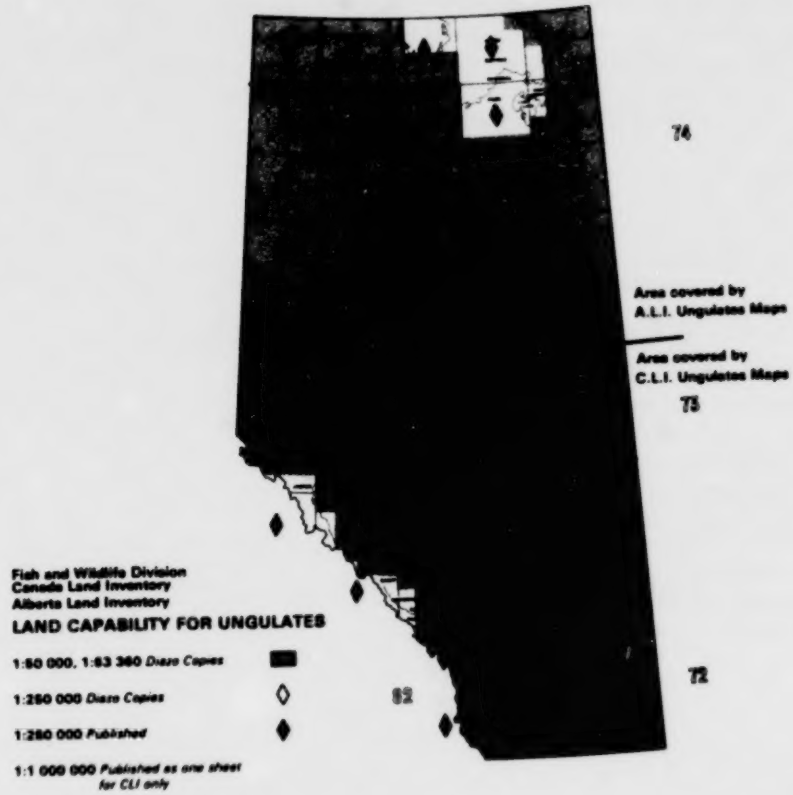
LAND CAPABILITY FOR WATERFOWL

1:50 000, 1:63 360 *Diazo Copies* ▬

1:250 000 *Diazo Copies* ◇

1:250 000 *Published* ◆

1:1 000 000 *Published as one sheet for CLI only*


74
Area covered by
A.L.I. Ungulates Maps
Area covered by
C.L.I. Ungulates Maps
73
82
72

Fish and Wildlife Division
Canada Land Inventory
Alberta Land Inventory

LAND CAPABILITY FOR UNGULATES

1:50 000, 1:63 360 *Diazo Copies* ▬

1:250 000 *Diazo Copies* ◇

1:250 000 *Published* ◆

1:1 000 000 *Published as one sheet for CLI only*

LAND CAPABILITY - SPORT FISH

Details: A series of Canada Land Inventory (CLI) and Alberta Land Inventory (ALI) sport fish maps (1:250 000), indicating general fish-producing capability ratings on a watershed basis for most of Alberta. CLI and ALI maps differ in format only. Some important factors on which the classification is based are: oxygen occurrence, morphometry, nutrients, temperature, turbidity and limitations to use.

File Size: 67

Project Duration: 1976-1977

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Sport fish maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
2nd Floor, North Tower Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

LAND CAPABILITY FOR FURBEARERS

Details: A collection of maps (1:250 000) in which homogeneous land units were mapped, classified and evaluated on the basis of present capability for furbearer production. A Canada Land Inventory Project classification system was chosen, with a class ranging from one (highest) to seven (lowest), demarcating the habitat value and subclass showing the nature of the limitation for animal production.

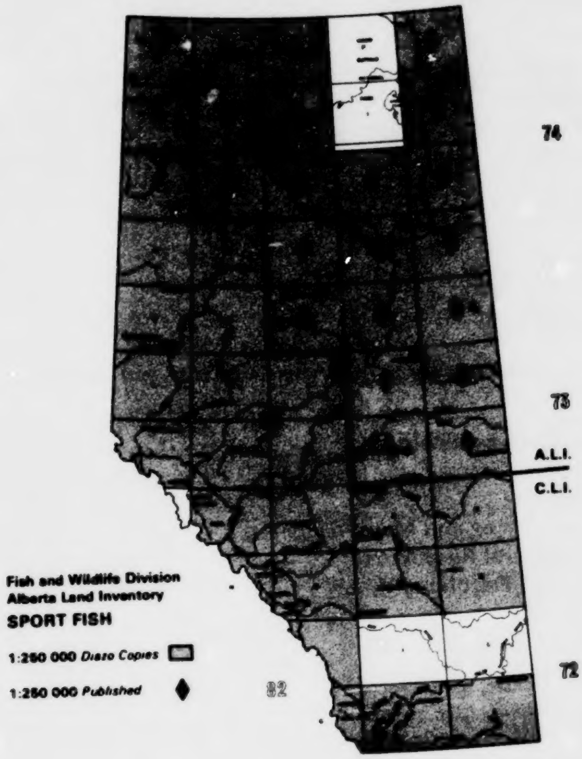
File Size: 3

Project Duration: 1975-1977

Source: Alberta Energy and Natural Resouces, Fish and Wildlife Division

Location: Furbearer maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520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A.L.I.
C.L.I.
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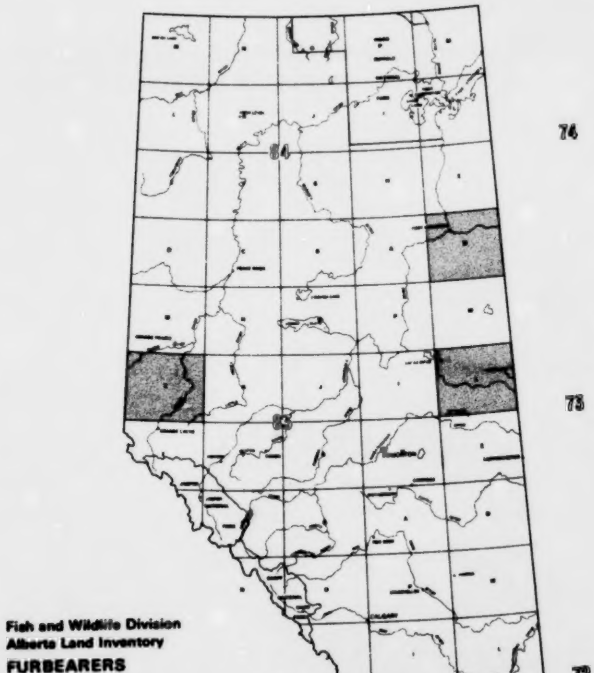
Fish and Wildlife Division
Alberta Land Inventory
SPORT FISH
1:250 000 Diazo Copies ▨
1:250 000 Published ◆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Fish and Wildlife Division
Alberta Land Inventory
FURBEARERS
1:250 000 Published

LAND CAPABILITY FOR FORESTRY

Details: A collection of Canada Land Inventory (CLI) and Alberta Land Inventory (ALI) maps at various scales indicating capability ratings for forest productivity based upon the lands' inherent ability of mineral or organic soils to grow timber in commercial quantities. Forest management practices are not considered. CLI and ALI maps differ in format only.

File Size: 1 170

Project Duration: 1961-1977

Source: Environment Canada, Lands Directorate; Alberta Energy and Natural Resources

Location: Land capability maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

LAND (SOIL) CAPABILITY FOR AGRICULTURE

Details: A series of Canada Land Inventory (CLI) soil capability maps in which soils are classified into seven classes based upon their potential for agricultural land use.

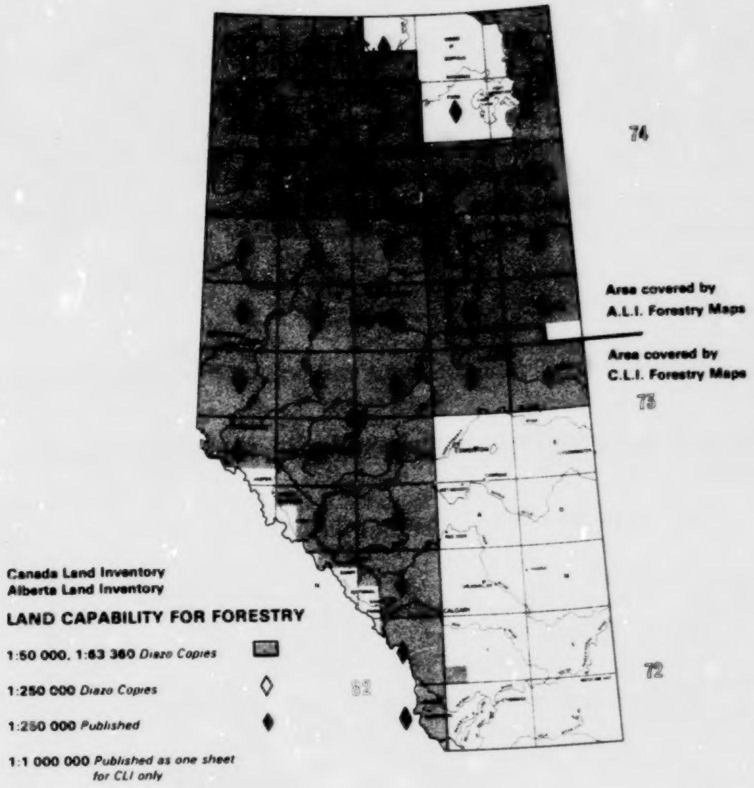
File Size: 915

Project Duration: 1961-

Source: Environment Canada, Lands Directorate

Location: Soil capability maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520


74
Area covered by
A.L.I. Forestry Maps
Area covered by
C.L.I. Forestry Maps
73
72
82

Canada Land Inventory
Alberta Land Inventory

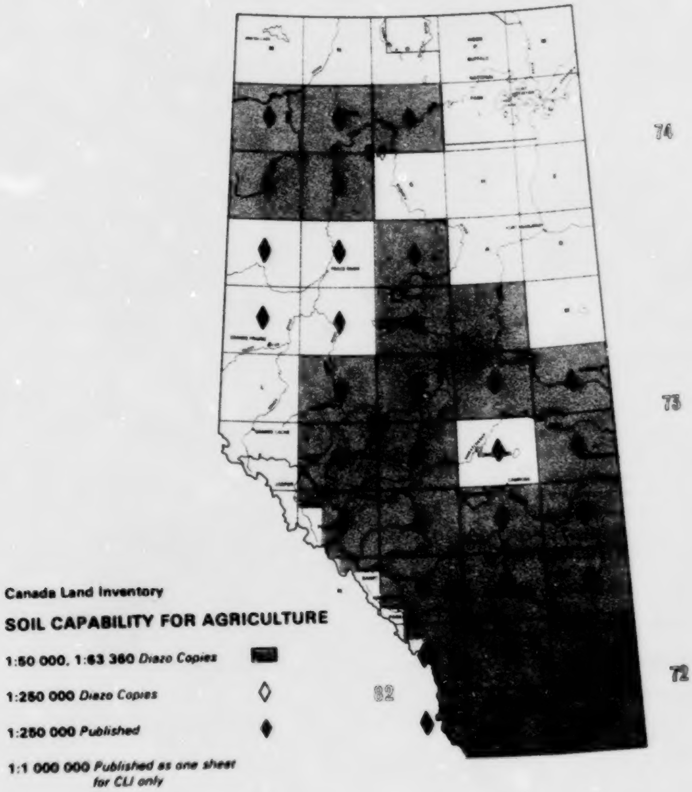
LAND CAPABILITY FOR FORESTRY

1:50 000, 1:63 360 *Diazo Copies* ▨

1:250 000 *Diazo Copies* ◇

1:250 000 *Published* ◆

1:1 000 000 *Published as one sheet for CLI only*



Canada Land Inventory

SOIL CAPABILITY FOR AGRICULTURE

1:50 000, 1:63 360 *Diazo Copies* ▨

1:250 000 *Diazo Copies* ◇

1:250 000 *Published* ◆

1:1 000 000 *Published as one sheet for CLI only*

LAND CAPABILITY FOR OUTDOOR RECREATION

Details: A series of Canada Land Inventory (CLI) and Alberta Land Inventory (ALI) maps in which seven classes of land are differentiated on the basis of the intensity of outdoor recreational use, or the quantity of outdoor recreation, which may be generated and sustained per unit area of land per annum, under perfect market conditions. CLI and ALI maps differ in format only.

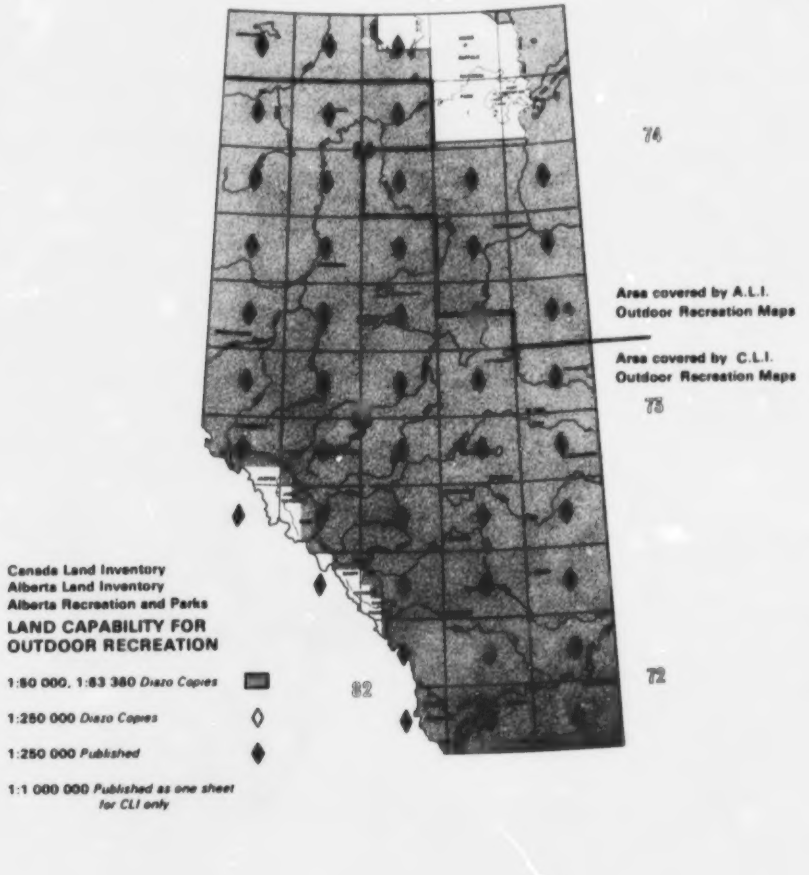
File Size: 1 494

Project Duration: 1961-

Source: Environment Canada, Lands Directorate; Alberta Recreation and Parks

Location: Land capability maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520


74
Area covered by A.L.I. Outdoor Recreation Maps
Area covered by C.L.I. Outdoor Recreation Maps
73
82
72
Canada Land Inventory
Alberta Land Inventory
Alberta Recreation and Parks
LAND CAPABILITY FOR OUTDOOR RECREATION
1:50 000, 1:63 360 Diazo Copies
1:250 000 Diazo Copies
1:250 000 Published
1:1 000 000 Published as one sheet for CLI only

LAND CLASSIFICATION REGIONS FOR COAL EXPLORATION AND DEVELOPMENT IN ALBERTA

Details: A map showing the broad land classification regions for coal exploration and development in Alberta is available in a report entitled **A Coal Development Policy for Alberta**[14]. A more detailed, larger scale map of the Eastern Slopes Region has also been prepared.

File Size: 2

Source: Alberta Energy and Natural Resources, Mineral Resources Division.

Location: The report is available **A Coal Development Policy for Alberta** for viewing at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

The more detailed, larger scale map of the Eastern Slopes region is available in diazo from:

Minerals Support Branch
Alberta Energy and Natural Resources
12th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7704

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[14] This policy is currently being revised.

LAND CLASSIFICATION STUDIES - ECOLOGICAL

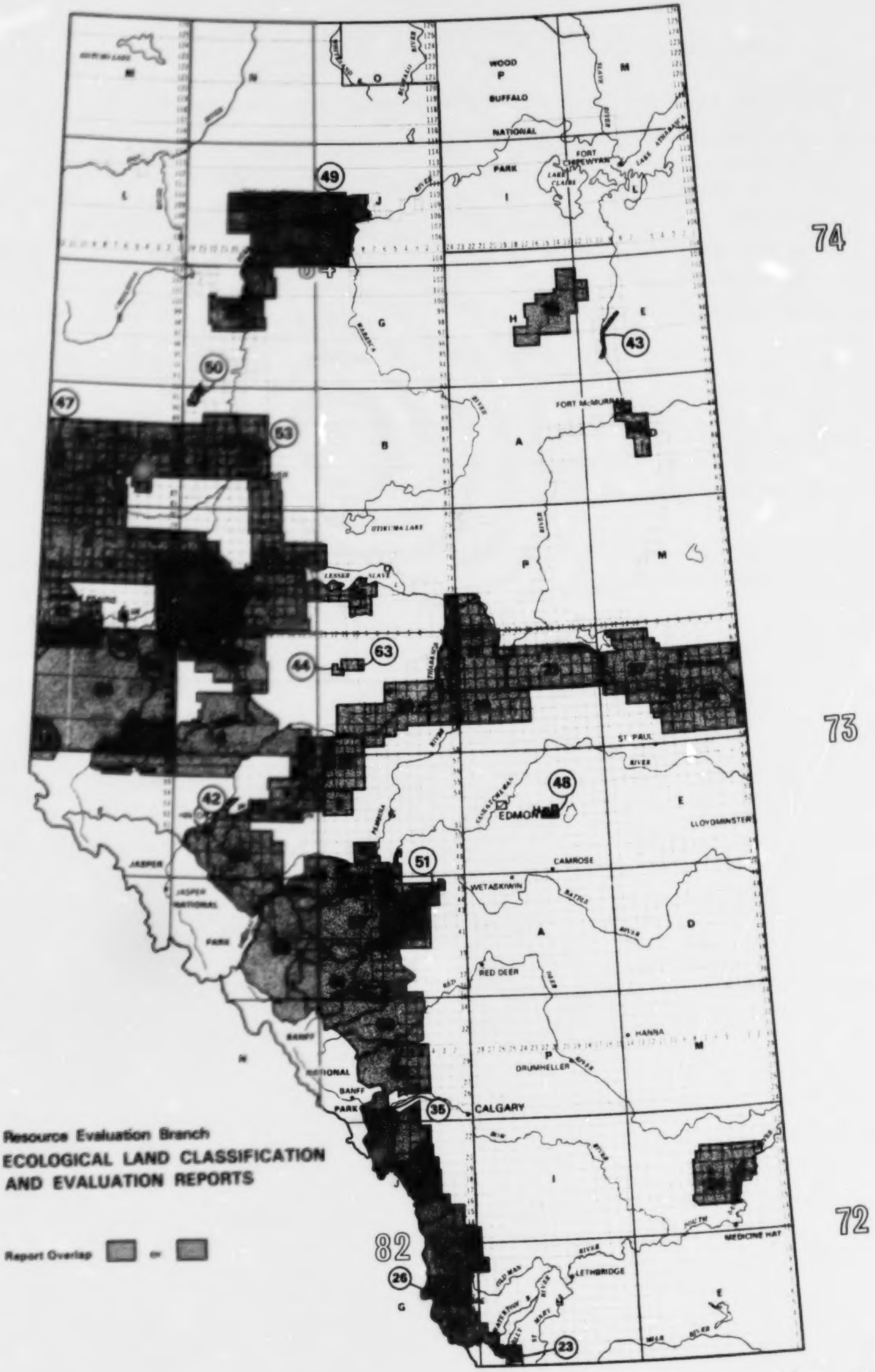
Details: A series of reports containing environmental baseline information for selected study areas in Alberta. The information supplied is an integration of landform, soils, climate, vegetation and drainage. Use potential rates similar to the Canada Land Inventory (CLI) capability classes are indicated for agriculture, forestry, recreation and wildlife. The following study areas have been completed (April 1984):

(P : published reports)
(U : unpublished information packages)
(I : in preparation)

Ecoregions of Alberta 1:1 500 000). This report and map delineates climatic regions with associated vegetation and climate and is available from the Resource Appraisal Section.

1. Edson Peers (U)
2. Saddle Hills (U)
3. Puskwaskau (U)
4. Sturgeon Lake (P)
5. Birch Lake (P)
6. Blueberry Mountain (P)
7. Clear River (P)
8. Puskwaskau East (U)
9. Mackay (U)
10. Medicine Lake (U)
11. Fawcett-Moose Portage (U)
12. Brazeau (U)
13. Kakwa (U)
14. George Lake (U)
15. Ft. McMurray-Gregoire Lake (U)
16. Namur Lake (U)
17. Dixonville (P)
18. Snipe Lake (U)
19. Rochester (P)
20. Kananaskis (U)
21. Boyle-Lac La Biche (U)
22. La Crete (P)
23. Poll Haven (U)
24. Suffield (U)
25. Whitemud Hills (P)
26. Crowsnest Past (U)
27. High Level (P)
28. Little Smoky (P)
29. Cold Lake (P)
30. Fort Assiniboine (P)
31. Whitecourt (P)
32. Beaver Lodge (U)
33. McLennan (U)
34. Carcajou (P)
35. Canmore Corridor (U)
36. Castle River (P)
37. Lakeland (P)
38. Livingston Porcupine (P)
39. Highwood-Sheep (P)
40. Ghost River (P)
41. Brazeau Pembina (P)
42. Cache Percotte (U)
43. McKay Development Corridor (U)
44. Swartz Lake (P)
45. Spring Creek (P)
46. Wapiti Grande Prairie Sand Dunes (U)
47. Bear Canyon Grazing Reserve (U)
48. Blackfoot Grazing Reserve (U)

48. Blackfoot Grazing Reserve (U)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73
72
82
WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
LAKE ATHABASCA
LAKE CLAIRE
SLAVE RIVER
FORT McMURRAY
UTIKUMA LAKE
LESSER SLAVE L.
ST PAUL
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
CALGARY
JASPER
JASPER NATIONAL PARK
BANFF
BANFF NATIONAL PARK
LETHBRIDGE
MEDICINE HAT
49
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Resource Evaluation Branch

ECOLOGICAL LAND CLASSIFICATION AND EVALUATION REPORTS

Report Overlap ▨ or ▨

49. Fort Vermilion Grazing Reserve (U)
50. Manning Gazing Reserve (U)
51. Medicine Lake Grazing Reserve (U)
52. Rocky Mountain House Grazing Reserve (U)
53. Three Creeks Grazing Reserve (U)
54. Pembina Grazing Reserve (U)
55. Frost Hills (P)
56. Jean D'Or Prairie (P)
57. Rocky North Saskatchewan (Rocky Clearwater II) (P)
58. Red Deer James (I)
59. Kananaskis Country (P)
60. Sturgeon Puskwaska East (P)
61. Ram Clearwater (U)
62. Chungo Cline Nordegg (U)
63. Swan Hills Townsite (P)
64. Deep Basin (I)
65. Coal Branch (I)
66. Berland (I)

File Size: 66 studies

Project Duration: 1969-

Source: Alberta Energy and Natural Resources, Resource Evaluation and Planning, Resource Appraisal

Location: Published reports are available from:

Resource Appraisal Section
Alberta Energy and Natural Resources
4th Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3411

or for viewing at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

LAND CLASSIFICATION STUDIES - PHYSICAL

Details: A series of maps with accompaning reports ranging in scale from 1:15 000 to 1:250 000, displaying genetic composition (landform and parent geological material), surface expression, texture, slope and aspect, with the integration of soil classification and drainage based upon the Canadian Systems of Soil Classification (CSSC). The maps provide a physical land resource data base for resource management and planning. The following study areas have been completed (April 1984):

(I : in preparation)

(C : complete, but not yet published)

(P : published)

1. Iosegun Lake (P)
2. Rocky Mountain House Grazing Reserve (P)
3. Cold Lake (P)
4. Ghost-Waiparious (P)
5. Livingston-Porcupine (P)
6. Canmore Corridor (C)
7. Grande Cache-Kakwa-Willmore (P)
8. Brazeau-Pembina (P)
9. Berland Subregional (P)
10. Pembina Grazing Reserve (P)
11. Cache Percotte (P)
12. Frost Hills (C)
13. Swan Hills (I)
14. Rocky-North Saskatchewan II (P)
15. Management Unit W4 (C)[15]
16. Swartz Lake (P)
17. Peace River Slopes (C)
18. Red Deer-James B6 (I)
19. Jean D'Or Prairie (C)
20. Sang Lake Grazing Reserve (P)
21. Carcajou (C)
22. Linton Lake (C)
23. Lower Peace (C)
24. Chungo-Cline-Nordegg (C)
25. Deep Basin (NTS 83L) (I)[15]
26. Swan Hills Townsite (I)
27. Rochester (P)
28. Ram-Clearwater (I)
29. Clearwater Grazing Reserve (I)
30. S1 Management Unit (I)[15]
31. Lakeland (P)
32. Coal Branch (I)[15]
33. Berland Reconnaisance (I)
34. Bear River-Wapiti (I)

File Size: 34 studies

Project Duration: 1977-

Source: Alberta Energy and Natural Resources, Resource Evaluation Branch, Land Classification Section.

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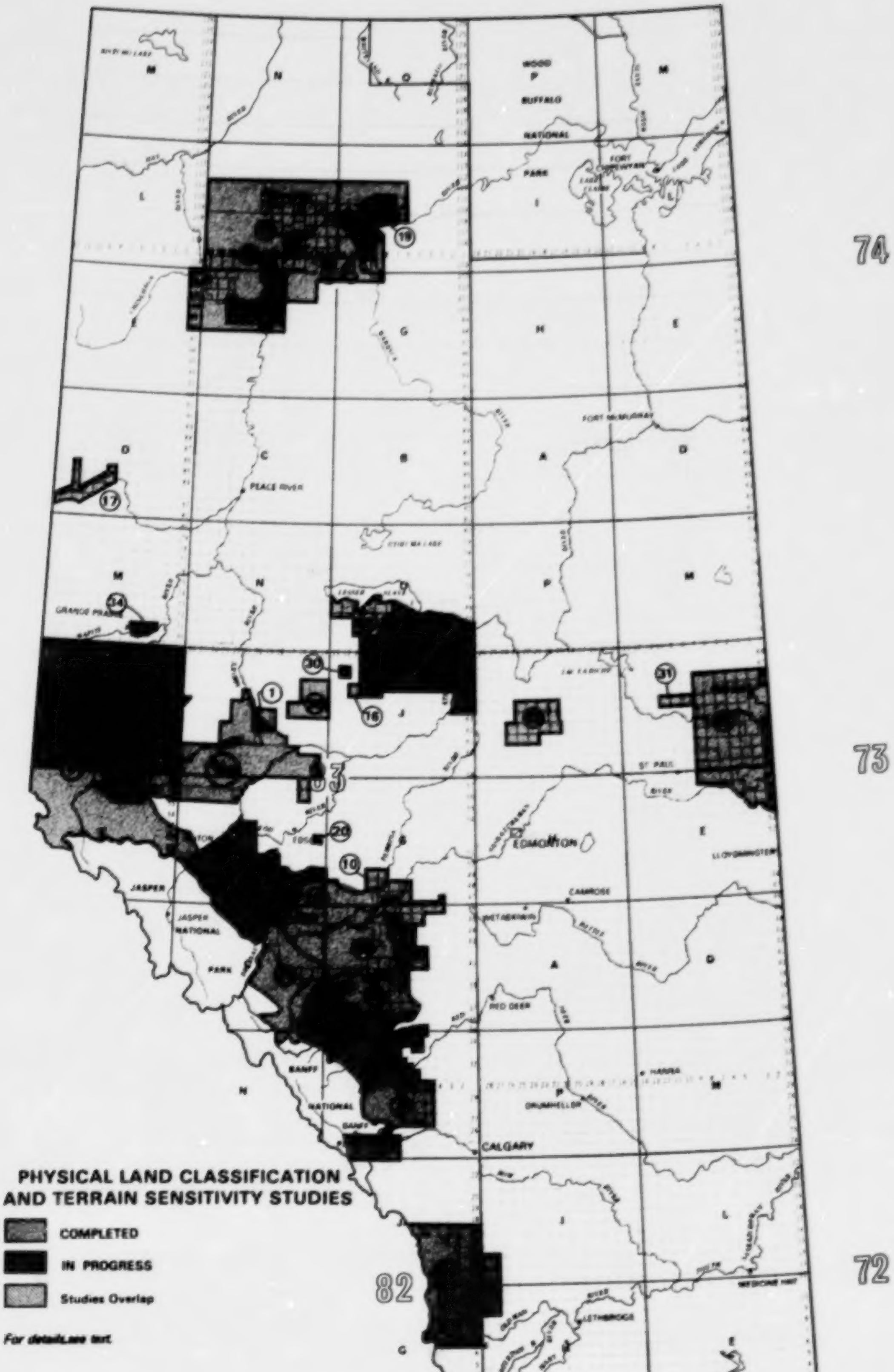
[15] With full or partial terrain sensitivity interpretation.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WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
PEACE RIVER
FORT McMURRAY
GRANDE PRAIRIE
ST PAUL
EDMONTON
LLOYDMINSTER
CAMROSE
JASPER
JASPER
NATIONAL
PARK
RED DEER
HANNA
DRUMHELLER
BANFF
NATIONAL
BANFF
CALGARY
LETHBRIDGE
MEDICINE HAT
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PHYSICAL LAND CLASSIFICATION AND TERRAIN SENSITIVITY STUDIES

▨ COMPLETED

■ IN PROGRESS

▨ Studies Overlap

For details,see text.

Location: Physical Land Classification and Terrain Sensitivity Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Physical Land Classification and Terrain Sensitivity reports are available from:

Land Classification Section
Resource Evaluation Branch
Alberta Energy and Natural Resources
4th Floor, North Tower, Petroleum Plaza
Edmonton, Alberta
T5K 2G6 (403) 427-2850
or (403) 427-2918

LAND OWNERSHIP MAP SERIES

Details: A series of land ownership maps have been prepared at a scale of 1:126 720 for improvement districts 1, 10, 14, 16, Pt 17, Pt 18, 19, 20, 21, 22 and 23.

File Size: 19

Project Duration: 1955

Frequency of Update: Periodically

Source: Alberta Municipal Affairs, Improvement District Operations

Location: For colored copies or for information regarding the availability of maps contact:

Duplication and Stock Advance
Alberta Municipal Affairs
Room 810, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-2241

For additional information regarding land ownership maps, consult , prepared by the Planning Services Division of **Mapping Index 1981** Alberta Municipal Affairs. The publication is available from the above address.

LAND REGISTRY MAPS

Details: Land registry maps have been prepared at 1:63 360 for most parts of Alberta. These maps indicate established and reserved lands. Established areas include provincial and wilderness parks, wilderness, natural and forestry recreational areas, ecological reserves, historic sites and highway campsites. Reserved areas include reserved land and ecological reserves. A township registry code for reserved lands is provided.

File Size: 447

Project Duration: 1976-

Frequency of Update: As required

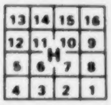
Source: Alberta Recreation and Parks, Design and Implementation Division

Location: Land registry maps are available from:

Technical Services
Alberta Recreation and Parks
6th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T6J 3N4 (403) 427-6798

LAND REGISTRY SYSTEM

(Map Availability Sheet)



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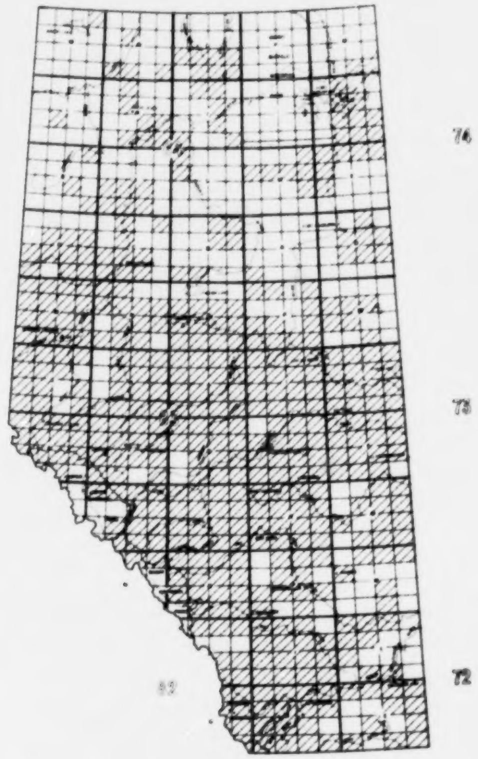


LAND USE AND ZONING MAPS

Details: A series of land-use and zoning maps has been prepared at a scale of 1:7 200 to illustrate residential, industrial, communitity and urban reserve land uses, and zoning regulations for various municipalities in Alberta not covered by regional or municipal planning commissions. Maps are based on land-use and zoning by-laws.

File Size: 120

Project Duration: 1955-

Frequency of Update: Periodically

Source: Alberta Municipal Affairs, Planning Services Division

Location: For diazo copies or information regarding availability of maps contact:

Duplication and Stock Advance
Alberta Municipal Affairs
Room 810, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-2241

For those maps where diazo copies are not available, a library copy is available for reference upon request.

For further details as to which municipalities have had land use and zoning maps prepared, consult **Mapping Index 1981** prepared by the Planning Services Division of Alberta Municipal Affairs. This publication is available from the above address.

LIGHTNING OVER ALBERTA

Details: Two reports, dealing with the distribution and frequency of May to September lightning over Alberta, Lightning Means in and , with accompanying monthly Alberta Lightning Over Alberta maps, were prepared for the period 1972-1977 and 1974-1977, respectively.

The data analysed in these publications were collected from more than 175 provincial and federal observation stations.

File Size: 50 monthly maps

Project Duration: 1972-1977

Source: Alberta Energy and Natural Resources, Alberta Forest Service

Location: Copies of this publication and further information may be obtained from the:

Weather Section
Forest Protection Branch
Alberta Forest Service
Alberta Energy and Natural Resources
Alberta Forest Service Depot
10625-120th Avenue
Edmonton, Alberta
T5E 5S9 (403) 427-6810

LOW LEVEL PILOTAGE CHARTS

Details: Low-level pilotage charts are available for part of Alberta at a scale of 1:500 000. These charts provide aeronautical and topographical information. A contour interval of 1 000 feet is used, except in cases of extreme slope, in which case contour intervals of either 500 feet or 250 feet are used. Aeronautical information is not for air navigation purposes.

File Size: 13

Project Duration: 1973-

Frequency of Update: Periodically

Source: Canada Department of Energy, Mines and Resources, Surveys and Mapping Branch

Location: Charts are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

MUNICIPAL CONTOUR MAPS

Details: A series of contour maps has been prepared for various rural municipalities in Alberta a scale of 1:2 400.

File Size: 75

Project Duration: 1955-

Frequency of Update: N/A

Source: Alberta Municipal Affairs, Planning Services Division

Location: For copies or information regarding availability of maps contact:

Duplication and Stock Advance
Alberta Municipal Affairs
Room 810, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-2241

For further detail as to which municipalities have had municipal contour maps prepared, consult, **Mapping Index 1981**, prepared by the Planning Services Division of Alberta Municipal Affairs. This publication is available from the above address.

MUNICIPALITIES MAP

Details: A map showing municipalities in Alberta is available at a scale of 1:750 000.

File Size: 1

Project Duration: 1977

Frequency of Update: Periodically

Source: Alberta Municipal Affairs

Location: Map is available from:

Duplication Centre
Central Services Branch
Alberta Municipal Affairs
8th Floor, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-2241

or

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

NATIONAL ATLAS OF CANADA

Details: The National Atlas of Canada is a major output of the National Geographical Mapping Program. This program is a planned and coordinated response to perceived national needs for geographically and spatially referenced information on Canada.

Previous editions of the National Atlas, 1906, 1915, 1957 and 1974, presented mapped information in conventional bound form. The new atlas involves research for and presentation of maps in larger format than previous editions (1:7 500 000). The Maps are produced and distributed separately.

Eventually the atlas will consist of a comprehensive set of maps providing socio-economic, cultural and environmental information (over 200 map subjects will be published). Currently, the following maps are available in either French or English:

1. Agricultural Lands
2. Canada
3. Census Divisions and Census Subdivisions 1971
4. Coal
5. Confederation
6. Energy
7. First Frost in Autumn
8. Frost-Free Period
9. Growing Degree days
10. Heating Degree Days
11. Indian and Inuit Communities Languages
12. Indian and Inuit Population Distribution
13. Last Frost in Spring
14. Public Fish Hatcheries
15. Results of the 32nd Federal Election, Feb. 18, 1980
16. Soil Capability for Agriculture
17. Territorial Evolution
18. The 31st Parliament
19. The 32nd Parliament

File Size: 19

Project Duration: 1978-

Source: Canada Department of Energy, Mines and Resources; Surveys and Mapping Branch

Location: Maps can be ordered from:

The Canada Map Office
615 Booth Street
Ottawa, Ontario
K1A 0E9

All orders placed through the above address must be prepaid. However, most topographic map dealers carry three maps. Consult "Alberta Topographic Map Dealers" on page 8 for the location of the nearest dealer in Alberta.

If elements of a specific map (such as an oil pipeline network) are required for the preparation of other Maps, special arrangements can be made subject to copyright and credit requirements. For further information contact:

Chief, Geographical Research Division
Geographical Services Directorate
Surveys and Mapping Branch
Canada Department of Energy, Mines and Resources
615 Booth Street
Ottawa, Ontario
K1A 0E9

NATIONAL TOPOGRAPHIC SYSTEM (NTS) MAPS

Details: Five series of the National Topographic System maps exist for Alberta, each with a varying scale and contour interval. These maps indicate spot elevations, contours, surveys, access, hydrography, wooded areas and cultural features such as schools, parks and cities.

Topographical maps are available for the entire province at 1:100 000, 1:500 000 and 1:250 000. The 1:50 000 series (shown on the adjacent map) is nearly complete for Alberta; in addition, a 1:25 000 series of topographic maps has been prepared for Edmonton, Red Deer, Calgary, Medicine Hat, Lethbridge and the Wainwright area.

File Size:		
	1:1 000 000	6
	1:500 000	16 (until present stocks depleted)
	1:250 000	50
	1:50 000	750
	1:25 000	47

Project Duration: 1910-

Frequency of Update: Periodically

Source: Canada Department of Energy, Mines and Resources, Surveys and Mapping Branch

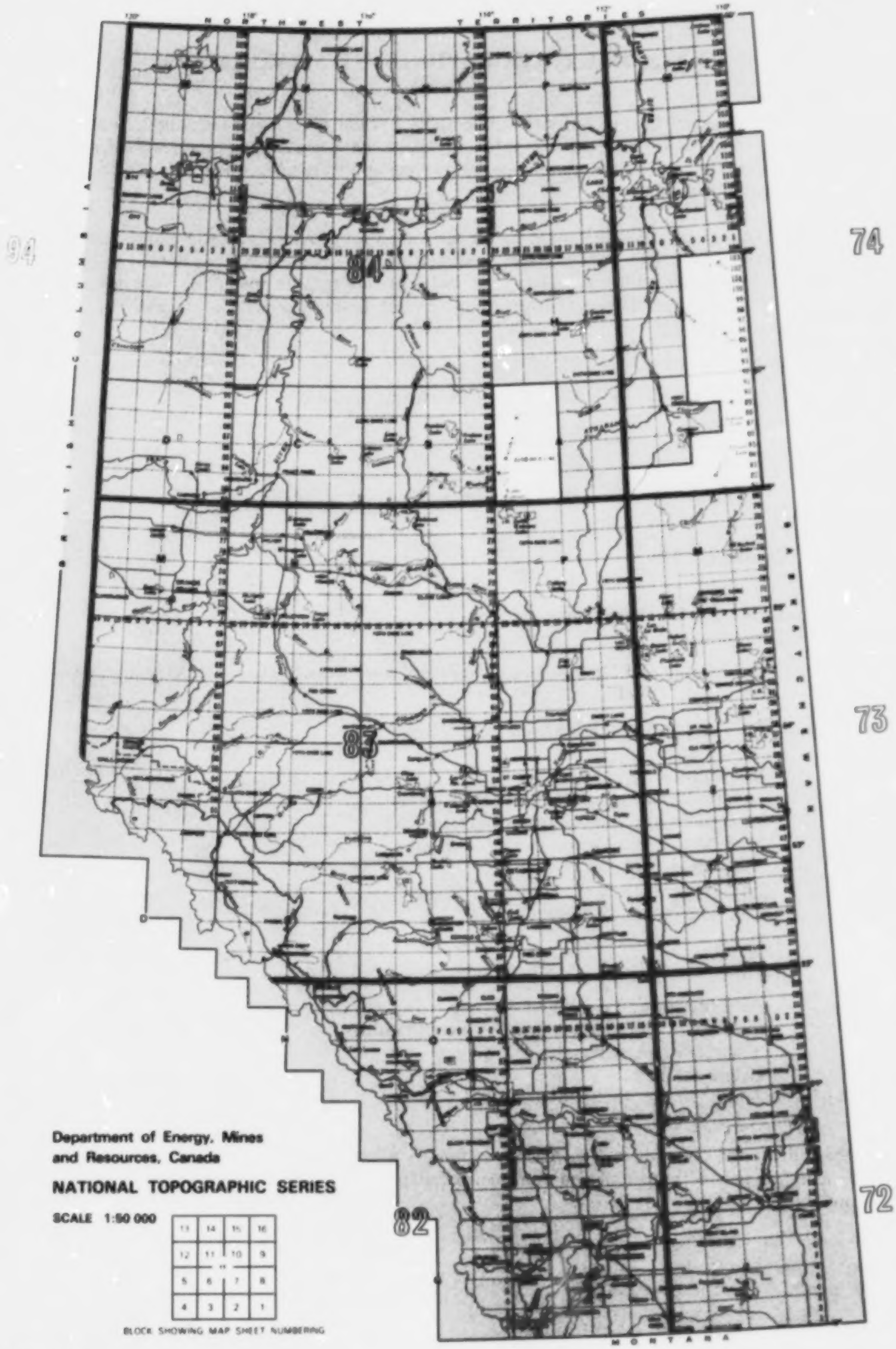
Location: NTS maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

or

Publications and Air Photo Section
Institute of Sedimentary and Petroleum Geology
3303-33 Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0354

For a listing of other map distribution outlets in Alberta, refer to "Alberta Topographic Map Dealers" on page 8. Indexes of available maps for all parts of Canada are available at the distribution outlets.


NORTHWEST TERRITORIES
BRITISH COLUMBIA
SASKATCHEWAN
MONTANA
94
74
84
73
83
72
82
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1
BLOCK SHOWING MAP SHEET NUMBERING

Department of Energy, Mines
and Resources, Canada

NATIONAL TOPOGRAPHIC SERIES

SCALE 1:50 000

NAUTICAL CHARTS

Details: A series of nautical charts is available for the Lake Claire-Lake Athabasca region of northeastern Alberta, the Athabasca River from Fort McMurray to Lake Athabasca and for the Vermilion Chutes region of Peace River. Charts vary in scale from 1:31 680 to 1:250 000. These form a part of a larger collection of nautical charts for the Mackenzie River Basin.

File Size: 5

Project Duration: 1962-

Frequency of Update: Periodically

Source: Environment Canada, Canadian Hydrographic Service, Marine Sciences Branch

Location: Nautical charts are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

OIL AND GAS AREA MAP SERIES

Details: A series of maps (1:84 480) displaying well location, current well status, and oil and gas fields.

File Size: 149

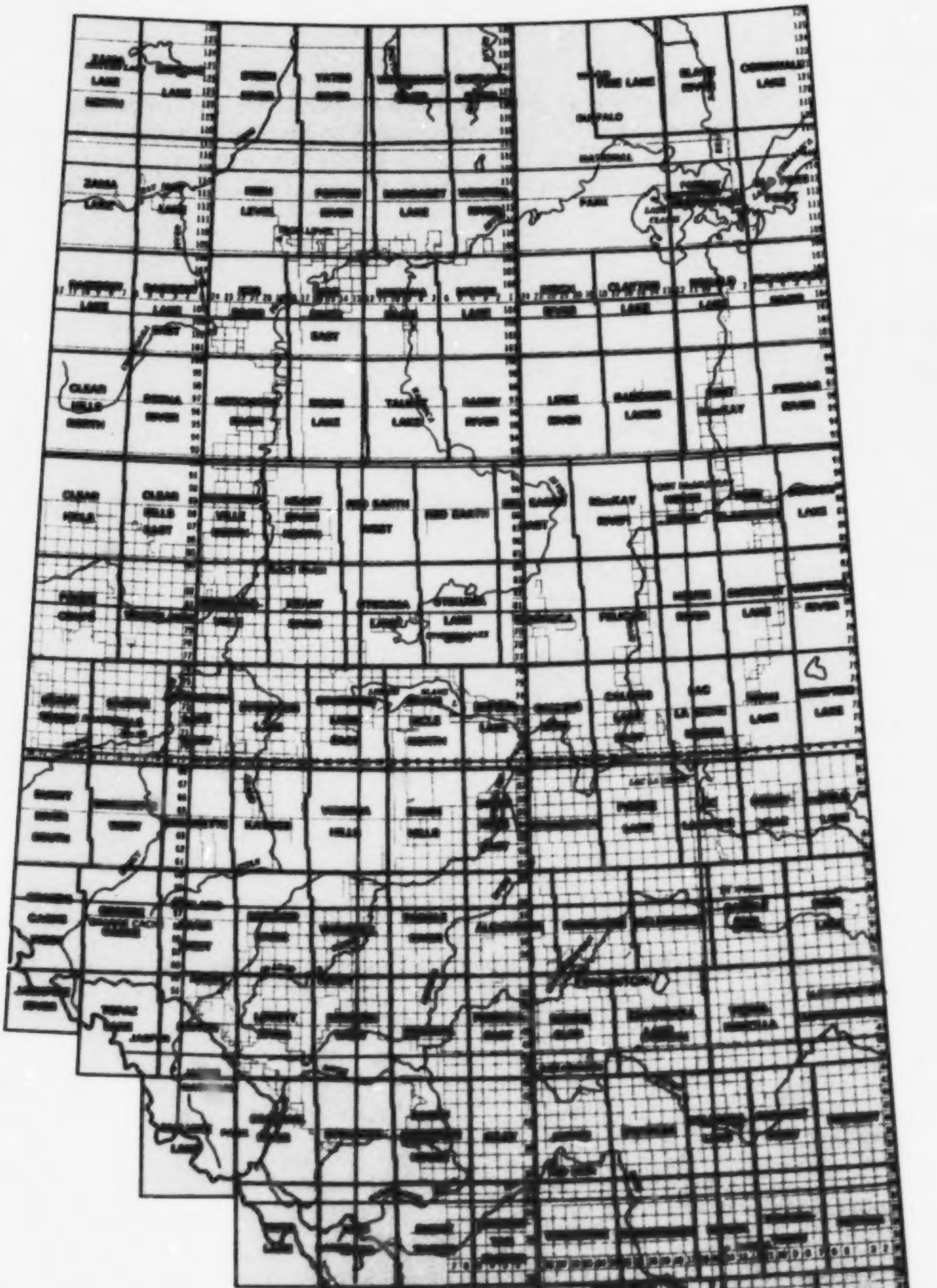
Project Duration: 1950

Frequency of Update: Daily

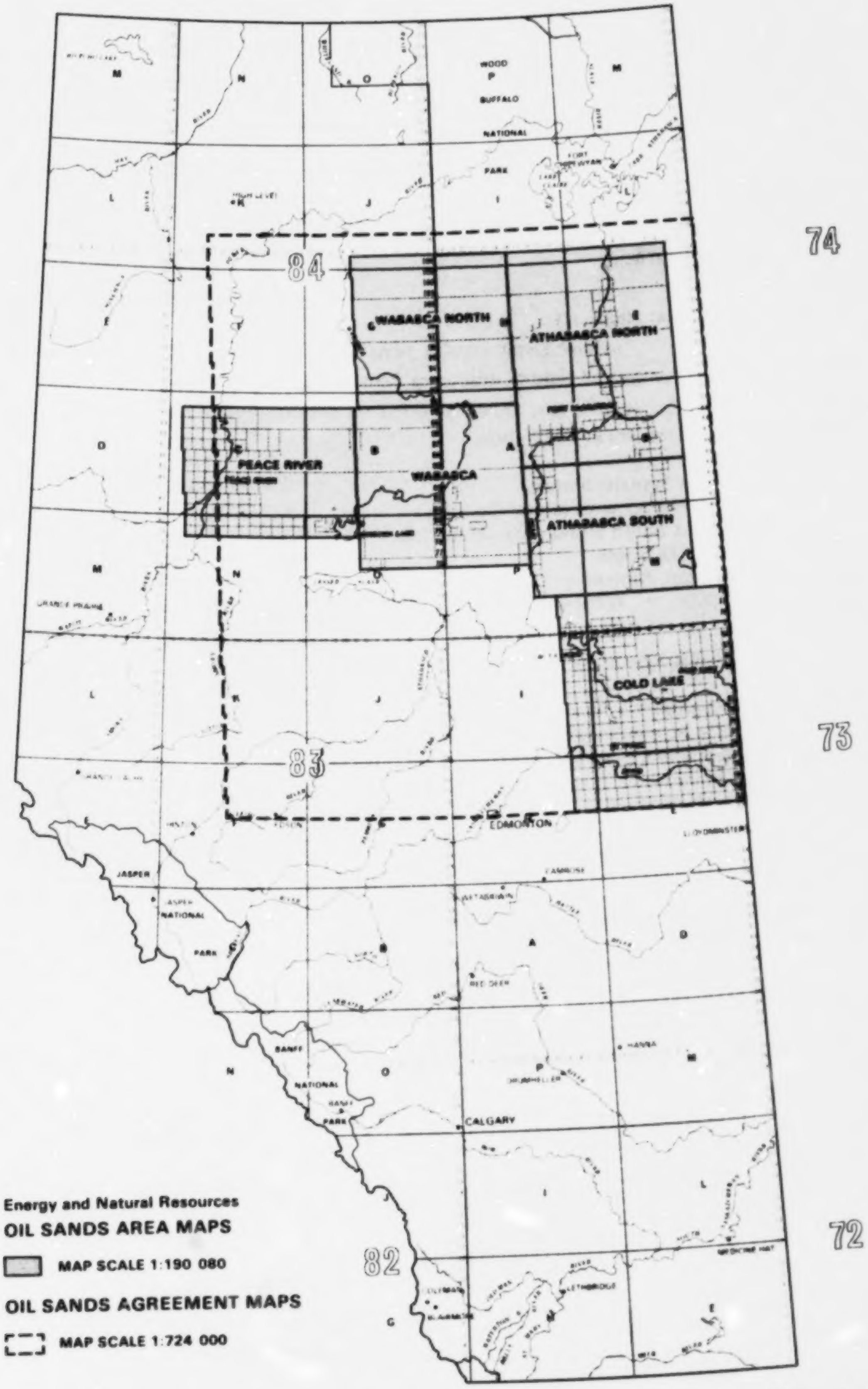
Source: Alberta Energy and Natural Resources, Minerals Support Branch

Location: Diazo copies are available from:

Minerals Support Branch
Alberta Energy and Natural Resources
12th Floor, South Tower, Pertoleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7704


ZAMA LAKE
HIGH LEVEL
BUFFALO
NATIONAL
PARK
CLEAR HILLS NORTH
CLEAR HILLS
CLEAR HILLS EAST
RED EARTH WEST
RED EARTH
McKAY WEST

Energy and Natural Resources
OIL AND GAS AREA MAPS


74
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WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
HIGH LEVEL
WABASCA NORTH
ATHABASCA NORTH
FORT McMURRAY
PEACE RIVER
WABASCA
ATHABASCA SOUTH
COLD LAKE
GRANDE PRAIRIE
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
RED DEER
BANFF
BANFF NATIONAL PARK
HANNA
DRUMHELLER
CALGARY
LETHBRIDGE
MEDICINE HAT
Energy and Natural Resources
OIL SANDS AREA MAPS
MAP SCALE 1:190 080
OIL SANDS AGREEMENT MAPS
MAP SCALE 1:724 000

OIL SANDS AREA MAPS

Details: A collection of oil sands area maps (1:190 080) depicting current oil sands leases and dispositions.

File Size: 6

Project Duration: 1978

Frequency of Update: Regularly

Source: Alberta Energy and Natural Resources, Minerals Support Branch

Location: Diazo copies are available from:

Minerals Support Branch
Alberta Energy and Natural Resources
5th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7704

Oil Sands Agreement map (1:724 000) is available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

For additional information, consult:

Alberta Oil Sands Information Centre
6th Floor, Highfield Place
10010-106th Street
Edmonton, Alberta
T5J 3L8 (403) 427-8382

PRECIPITATION OVER ALBERTA

Details: The report and accompanying map **Precipitation Over Alberta** provides a detailed analysis and summary of the annual May to September precipitation over Alberta. The data analysed in this publication have been collected from more than 325 reporting stations throughout the province.

File Size: 1

Project Duration: 1972-

Source: Alberta Energy and Natural Resources. Alberta Forest Service

Location: Copies of this publication and further information may be obtained from the:

Weather Section
Forest Protection Branch
Alberta Forest Service
Alberta Energy and Natural Resources
Alberta Forest Service Depot
10625-120th Avenue
Edmonton, Alberta
T5E 5S9 (403) 427-6810

PRESENT LAND USE MAP

Details: Present (1966) land-use is indicated on this series of Canada Land Inventory (CLI) maps for Alberta.

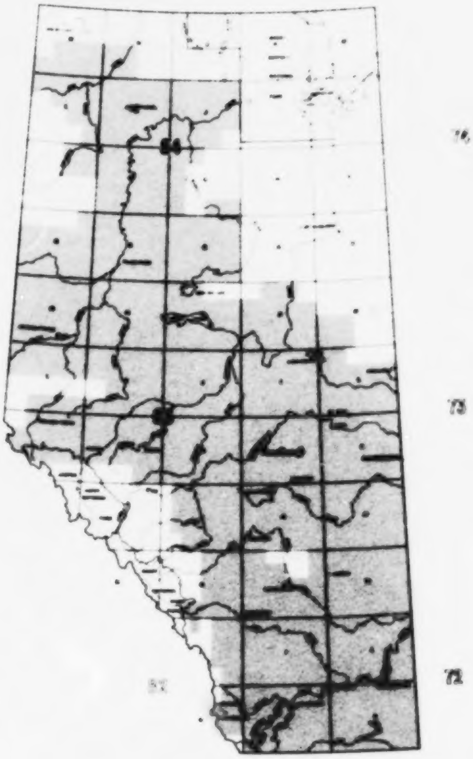
File Size: 474

Project Duration: 1961-1966

Source: Environment Canada, Lands Directorate; Alberta Energy and Natural Resources

Location: Diazo copies are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520



Canada Land Inventory
PRESENT LAND USE
COMPILATION DATE - 1966

1:50 000, 1:63 360 *Diazo Copies* ▨

QUARTZ MINERAL DISPOSITIONS AND IRON PROSPECTING PERMITS AND LEASES

Details: Maps showing where an exploration permit or a lease has been issued and to whom.

File Size: 4

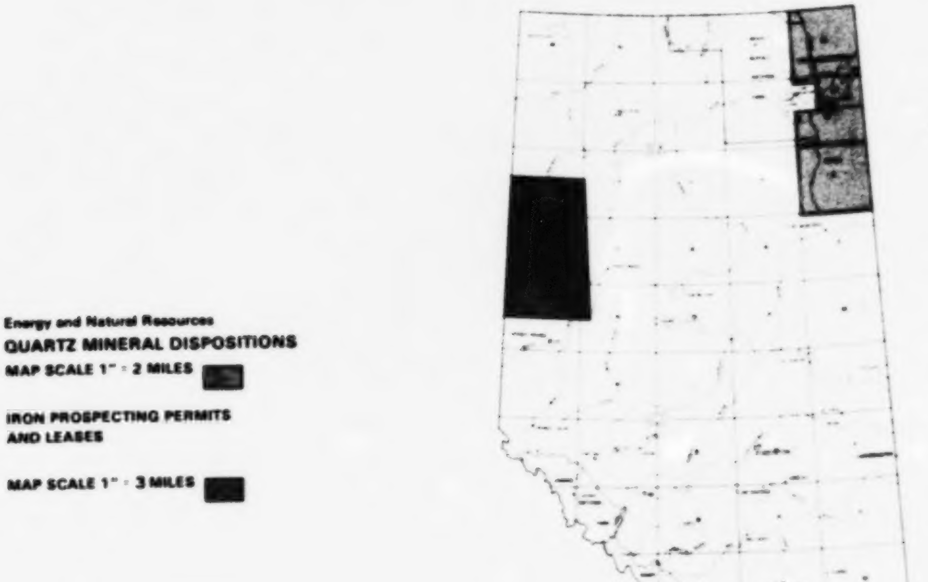
Project Duration: 1953 -

Frequency of Update: Daily

Source: Alberta Energy and Natural Resources Minerals. Support Branch

Location: Diazo copies are available from:

Minerals Support Branch
Alberta Energy and Natural Resources
12th Floor. South Tower. Petroleum Plaza
9915-108th Street
Edmonton. Alberta
T5K 2C9 (403) 427-7704


Energy and Natural Resources
QUARTZ MINERAL DISPOSITIONS
MAP SCALE 1" = 2 MILES ▨
IRON PROSPECTING PERMITS AND LEASES
MAP SCALE 1" = 3 MILES ■

RANGE ALLOTMENT MAPS

Details: On range allotments within the Rocky Mountains Forest Reserve, range allotment maps have been prepared .indicating range types, dominant forages, range types and range inventory information.

File Size: 91

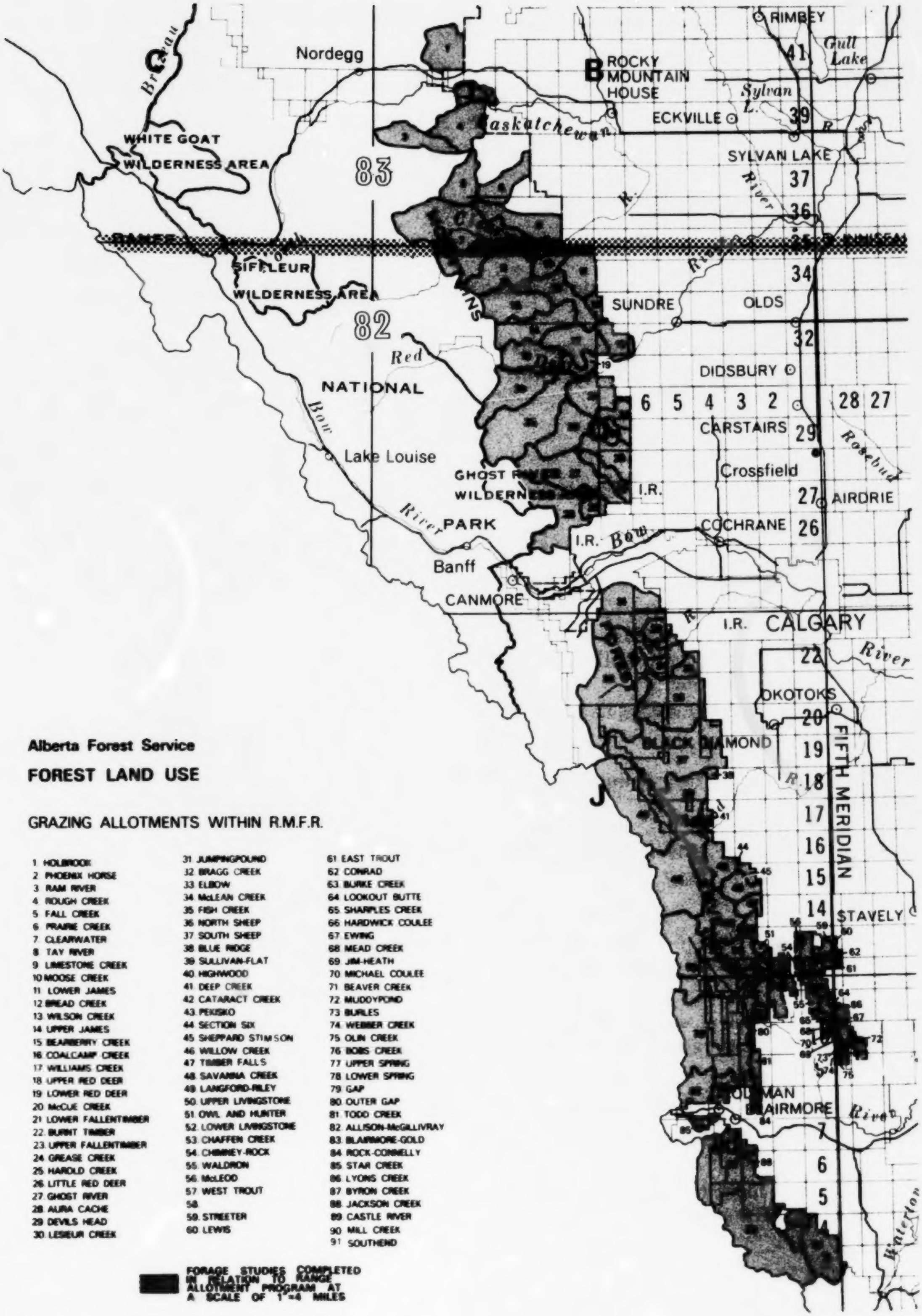
Project Duration: 1948-

Frequency of Update: Periodically .

Source: Range Management. Alberta Forest Service. Alberta Energy and Natural Resources

Location: Range allotments maps are available from:

Range Management
Forest Land Use Branch
Alberta Forest Servece
Alberta Energy and Natural Resources
6th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3582


RIMBEY
Gull Lake
41
Nordegg
B ROCKY MOUNTAIN HOUSE
Sylvan L.
ECKVILLE
39
C
Brazeau
WHITE GOAT WILDERNESS AREA
Saskatchewan R.
83
SYLVAN LAKE
37
36
34
SIFFLEUR WILDERNESS AREA
SUNDRE
OLDS
82
32
Red
NATIONAL
DIDSBURY
6 5 4 3 2
28 27
Bow
CARSTAIRS
29
Rosebud
Lake Louise
Crossfield
GHOST RIVER WILDERNESS
I.R.
27
AIRDRIE
River
PARK
COCHRANE
26
I.R.
Bow
Banff
CANMORE
I.R.
CALGARY
22
River
OKOTOKS
20
BLACK DIAMOND
19
18
J
17
16
15
FIFTH MERIDIAN
14
STAVELY
COLEMAN
BLAIRMORE
River
7
6
5
Waterton

Alberta Forest Service

FOREST LAND USE

GRAZING ALLOTMENTS WITHIN R.M.F.R.

1 HOLBROOK
2 PHOENIX HORSE
3 RAM RIVER
4 ROUGH CREEK
5 FALL CREEK
6 PRAIRIE CREEK
7 CLEARWATER
8 TAY RIVER
9 LIMESTONE CREEK
10 MOOSE CREEK
11 LOWER JAMES
12 BREAD CREEK
13 WILSON CREEK
14 UPPER JAMES
15 BEARBERRY CREEK
16 COALCAMP CREEK
17 WILLIAMS CREEK
18 UPPER RED DEER
19 LOWER RED DEER
20 McCUE CREEK
21 LOWER FALLENTIMBER
22 BURNT TIMBER
23 UPPER FALLENTIMBER
24 GREASE CREEK
25 HAROLD CREEK
26 LITTLE RED DEER
27 GHOST RIVER
28 AURA CACHE
29 DEVILS HEAD
30 LESIEUR CREEK
31 JUMPINGPOUND
32 BRAGG CREEK
33 ELBOW
34 McLEAN CREEK
35 FISH CREEK
36 NORTH SHEEP
37 SOUTH SHEEP
38 BLUE RIDGE
39 SULLIVAN-FLAT
40 HIGHWOOD
41 DEEP CREEK
42 CATARACT CREEK
43 PEKISKO
44 SECTION SIX
45 SHEPPARD STIMSON
46 WILLOW CREEK
47 TIMBER FALLS
48 SAVANNA CREEK
49 LANGFORD-RILEY
50 UPPER LIVINGSTONE
51 OWL AND HUNTER
52 LOWER LIVINGSTONE
53 CHAFFEN CREEK
54 CHIMNEY-ROCK
55 WALDRON
56 McLEOD
57 WEST TROUT
58
59 STREETER
60 LEWIS
61 EAST TROUT
62 CONRAD
63 BURKE CREEK
64 LOOKOUT BUTTE
65 SHARPLES CREEK
66 HARDWICK COULEE
67 EWING
68 MEAD CREEK
69 JIM-HEATH
70 MICHAEL COULEE
71 BEAVER CREEK
72 MUDDYPOND
73 BURLES
74 WEBBER CREEK
75 OLIN CREEK
76 BOBS CREEK
77 UPPER SPRING
78 LOWER SPRING
79 GAP
80 OUTER GAP
81 TODD CREEK
82 ALLISON-McGILLIVRAY
83 BLAIRMORE-GOLD
84 ROCK-CONNELLY
85 STAR CREEK
86 LYONS CREEK
87 BYRON CREEK
88 JACKSON CREEK
89 CASTLE RIVER
90 MILL CREEK
91 SOUTHEND

■ FORAGE STUDIES COMPLETED IN RELATION TO RANGE ALLOTMENT PROGRAM AT A SCALE OF 1"=4 MILES

RECONNAISSANCE SOIL SURVEY MAP SERIES

Details: A collection of soil survey maps indicating relatively detailed information for large areas.

File Size: 47

Project Duration: 1925-

Source: Alberta Soil Survey (Alberta Research Council, and Agriculture Canada);

Location: Reconnaissance soil survey maps are available from:

Faculty of Extension
Room 238, Corbett Hall
University of Alberta
Edmonton, Alberta
T6G 2G4 (403) 432-3029

or

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map	Description
1.	MacLeod sheet; F.A. Wyatt and J.D. Newton, 1925. Scale 1:190 080. Accompanies Alberta Soil Survey Report 1.[16]
2.	Medicine Hat sheet; F.A. Wyatt and J.D. Newton, 1925. Scale 1:190 080. Accompanies Alberta Soil Survey Report 2. (NTS 72E, L).[16]
3.	Sounding Creek sheet; F.A. Wyatt and J.D. Newton, 1927. Scale 1:190 080. Accompanies Alberta Soil Survey Report 3. (NTS 72M).[16]
4.	Peace River, High Prairie, Sturgeon Lake area; F.A. Wyatt, 1935. Scale 1:253 440. Accompanies Alberta Soil Survey Report 6. (NTS 83J, K, N, O; 84B, C).[16]
5.	Rainy Hills sheet; F.A. Wyatt et al., 1937. Scale 1:190 080. Accompanies Alberta Soil Survey Report 7. (NTS 72L).[16]

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[16] Out of print. Copies on file with Alberta Soil Survey, Terrace Plaza, Edmonton, Alberta T6H 5R7.

6. Sullivan Lake sheet; F.A. Wyatt and J.D. Newton, 1938. Scale 1:190 080. Accompanies Alberta Soil Survey Report 8. (NTS 73D).[16]

7. Lethbridge and Pincher Creek sheets; F.A. Wyatt, 1939. Scale 1:190 080. Accompanies Alberta Soil Survey Report 9. (NTS 82H)[16]

8. Milk River sheet; F.A. Wyatt and J.D. Newton, 1941. Scale 1:190 080. Accompanies Alberta Soil Survey Report 10. (NTS 72E).[16]

9. Blackfoot and Calgary sheets; F.A. Wyatt and J.D. Newton, 1943. Scale 1:190 080. Accompanies Alberta Soil Survey Report 11. (NTS 82I, P).[16]

10. Rosebud and Banff sheets; F.A. Wyatt and J.D. Newton, 1943. Scale 1:190 080. Accompanies Alberta Soil Survey Report 12. (NTS 82O, P).[16]

11. Wainwright and Vermilion sheets; F.A. Wyatt and J.D. Newton, 1944. Scale 1:190 080. Accompanies Alberta Soil Survey Report 13. (NTS 73D, E).[16]

12. Peace Hills sheet; F.A. Wyatt and J.D. Newton, 1947. Scale 1:190 080. Accompanies Alberta Soil Survey Report 14. (NTS 83A,B).

13. Rycroft and Watino sheets; W. Odynsky and J.D. Newton, 1950. Scale 1:190 080. Accompanies Alberta Soil Survey Report 15. (NTS 83M, N).

14. Red Deer sheet; W.E. Bowser and T.W. Peters, 1951. Accompanies Alberta Soil Survey Report 16. (NTS 82P; 83A).

15. High Prairie and McLennan sheet; W. Odynsky et al., 1952. Scale 1:190 080. Accompanies Alberta Soil Survey Report 17. (NTS 83N).

16. Grande Prairie and Sturgeon Lake sheets; W. Odynsky et al., 1956. Scale 1:190 080. Accompanies Alberta Soil Survey Report 18. (NTS 83K, L, M, N).

17. Rocky Mountain House sheet; T.W. Peters and W.E. Bowser, 1960. Scale 1:126 720. Accompanies Alberta Soil Survey Report 19. (NTS 82O; 83B).

18. Beaverlodge and Blueberry Mountain sheets; W. Odynsky et al, 1961. Scale 1:190 080. Accompanies Alberta Soil Survey Report 20. (NTS 83L, M).

19. Edmonton sheet; W.E. Bowser et al., 1962. Scale 1:126 720. Accompanies Alberta Soil Survey Report 21. (NTS 83H).

20. St. Mary and Milk Rivers development; W.E. Bowser et al., 1963. Scale 1:63 360. Accompanies Alberta Soil Survey Report 22. (NTS 72E, L; 82H).

21. Hines Creek and Cherry Point area; S.W. Reeder and W. Odynsky, 1965. Scale 1:190 080. Accompanies Alberta Soil Survey Report 23. (NTS 84D).

22. Buck Lake and Wabamun Lake area; J.D. Lindsay and T.W. Peters, 1968. Scale 1:126 720. Accompanies Alberta Soil Survey Report 24. (NTS 83G).

23. Grimshaw and Notikewin area; M.D. Scheelar and W. Odynsky, 1968. Scale 1:190 080. Accompanies Alberta Soil Survey Report 25. (NTS 84C).

24. Hotchkiss and Keg River area; S.W. Reeder and W. Odynsky, 1969. Scale 1:190 080. Accompanies Alberta Soil Survey Report 26. (NTS 84F).

25. Whitecourt and Barrhead area; A. Wynnk and J.D. Lindsay, 1971. Scale 1:126 720. Accompanies Alberta Soil Survey Report 27. (NTS 83J).

26. Chip Lake area; A.G. Twardy and J.D. Lindsay, 1971. Scale 1:126 720. Accompanies Alberta Soil Survey Report 28. (NTS 83G).

27. Tawatinaw sheet; A.A. Kjearsgaard, 1972. Scale 1:126 720. Accompanies Alberta Soil Survey Report 29. (NTS 83I).

28. Land classification and soils in the Rocky Mountains of Alberta along the North Saskatchewan River valley; W.W. Pettapiece, 1971. Scale 1:79 200. Alberta Institute of Pedology Report S-71-31. (NTS 82C).

29. Mt. Watt and Fort Vermilion area; M.D. Scheelar and T.M. Macyk, 1973. Scale 1:190 080. Accompanies Alberta Soil Survey Report 30. (NTS 84K, J).

30. Hinton-Edson area; J. Dumanski et al., 1973. Scale 1:126 720. Accompanies Alberta Soil Survey Report 31. (NTS 83F).

31. Soils map of the Edmonton area reproduced at 1:50 000 from Edmonton Soil Survey sheet by W.E. Bowser et al., 1962. Scale 1:126 720, which accompanies Alberta Soil Survey Report 21. See item 19 above. In Urban Geology of Edmonton, ARC Bulletin 32, Figure 39. (NTS 83H).

32. Sand River sheet; S.S. Kocaoglu, 1975. Scale 1:126 720. Accompanies Alberta Soil Survey Report 34. (NTS 73L)

33. Medicine Hat sheet; 1976. Scale 1:126 720 (in abeyance). (NTS 72L).

34. Oyen sheet; A.A. Kjearsgaard, 1975. Scale 1:126 720. Accompanies Alberta Soil Survey Report 36. (NTS 72M).

35. Brazeau Dam area; T.W. Peters, scale 1:126 720. Accompanies Alberta Soil Survey Report 40. (NTS 82B, G).

36. Soil Survey and Interpretations of The Wapiti Map Area, Alberta; A.G. Twardy and I.G.W. Corns, 1980. Scale 1:126 720. Accompanies Alberta Research Council Bulletin 39. (NTS 83L).

37. Reconnaissance Soil Survey of the Jsogun Lake Area, Alberta; L.J. Knapik and J.D. Lindsay, 1983. Scale 1:126 720. Accompanies Alberta Research Council Bulletin 43. (NTS 83K).

38. a. Lethbridge, N.W. portion of sheet; S. Kocaoglu, 1977. Scale 1:126 720. (NTS 82H).
    b. Lethbridge, N.E. portion; S. Kocaoglu and W.W. Petapiece, 1980. Scale 1:126 000. (NTS 82H).

39. Soils inventory of the AOSERP study area. Turchenek, L.W. and J.D. Lindsay, 1982. Prepared for Research Management Division, Alberta Environment, by Alberta Research Council. AOSERP (Alberta Oil Sands Research Program) Report 122. Scale 1:126 720. (NTS 74D, E, L; 84A, H, I).[17]

40. Fort McMurray region, Soil Survey; P.H. Crown, A.G. Twardy, 1975. Scale 1:63 360. Alberta Institute of Pedology Report M70-2. (NTS 74D).

41. Two Hills County, No. 21; T. Macyk, (no date). Scale 1:30 000. Accompanies Alberta Soil Survey Report 35. (NTS 73E; 83H).

42. Gleichen, southern half of sheet; S.Kocaoglu, W.W. Pettapiece. Scale 1:126 720 (in preparation). (NTS 82I).

43. Newell County #4, Soil Survey; A.A. Kjearsgaard, 1983. Scale 1:63 360. Accompanies Alberta Soil Survey Report 41. (NTS 72I; 82I, P).

44. County of Warner No. 5; A.A. Kjearspaard. Scale 1:50 000 (in preparation). (NTS 72E; 82H).

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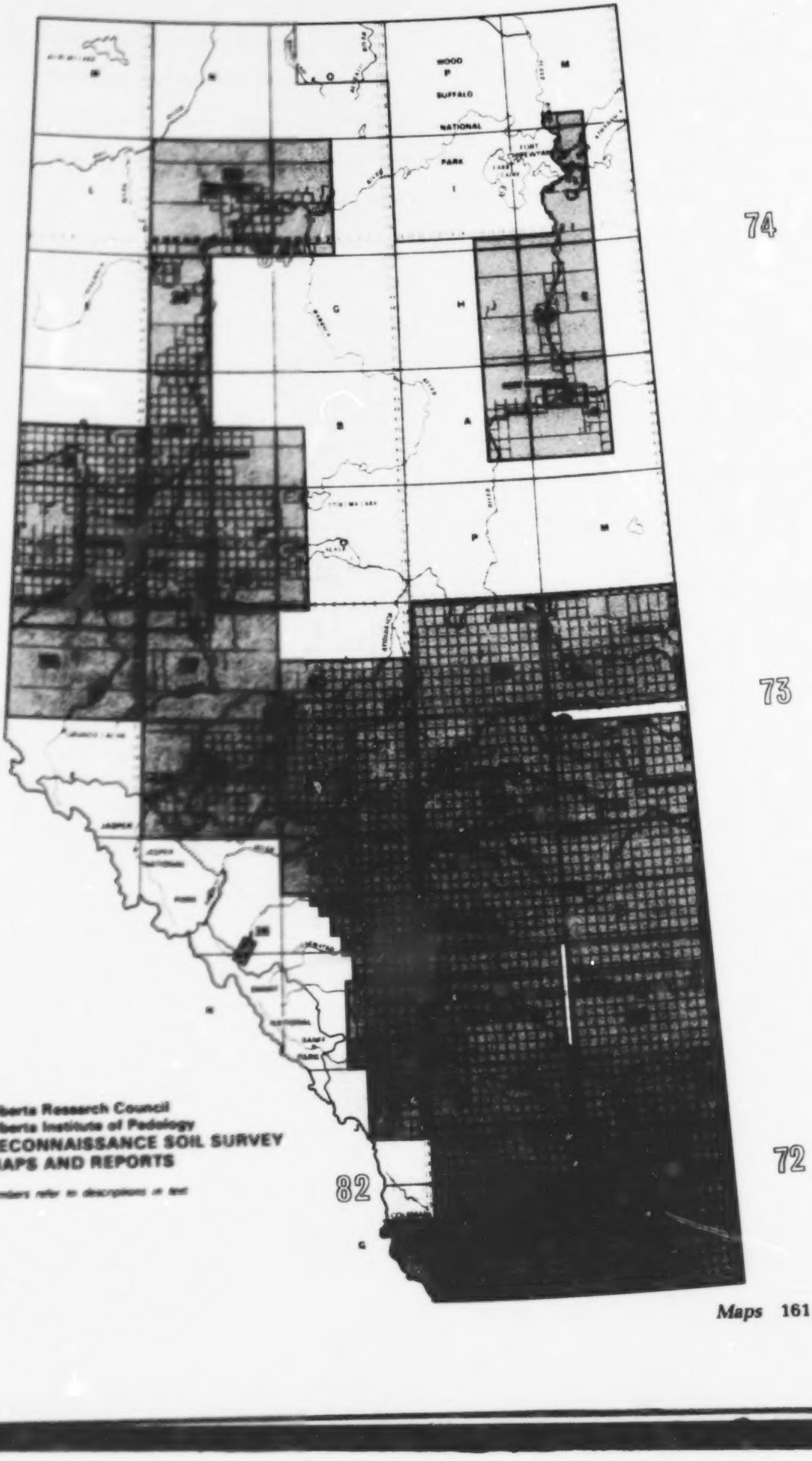
[17] Available from Research Management Division, Alberta Environment. Contact Publications Officer, 14th Floor, Standard Life Centre, 10405-Jasper Avenue, Edmonton, Alberta T5J 3N4 (403) 427-3946.

45. Calgary Region: R.A. MacMillan. Scale 1:50 000 (five sheets in preparation). (NTS 82I, J, O, P).

46. County of Beaver No. 9: R.W. Howitt. Scale 1:50 000 (in preparation). (NTS 73D, E; 83H).

Note: In most cases a soil rating map accompanies each report.



Alberta Research Council
Alberta Institute of Pedology
RECONNAISSANCE SOIL SURVEY
MAPS AND REPORTS

Numbers refer to descriptions in text

WOOD
P
BUFFALO
NATIONAL
PARK
JASPER
BANFF
NATIONAL
PARK
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RESOURCE IMPACT ASSESSMENT OVERLAY PROGRAM

Details: A series of 13 transparent overlays (1:50 000) which represent various physiographic, social and information features. The environmental value of each resource is expressed by tonal differentiation on the overlay. Lighter tones on the composite represent areas of lesser impact while darker tones represent high-value areas where impact will be most probable.

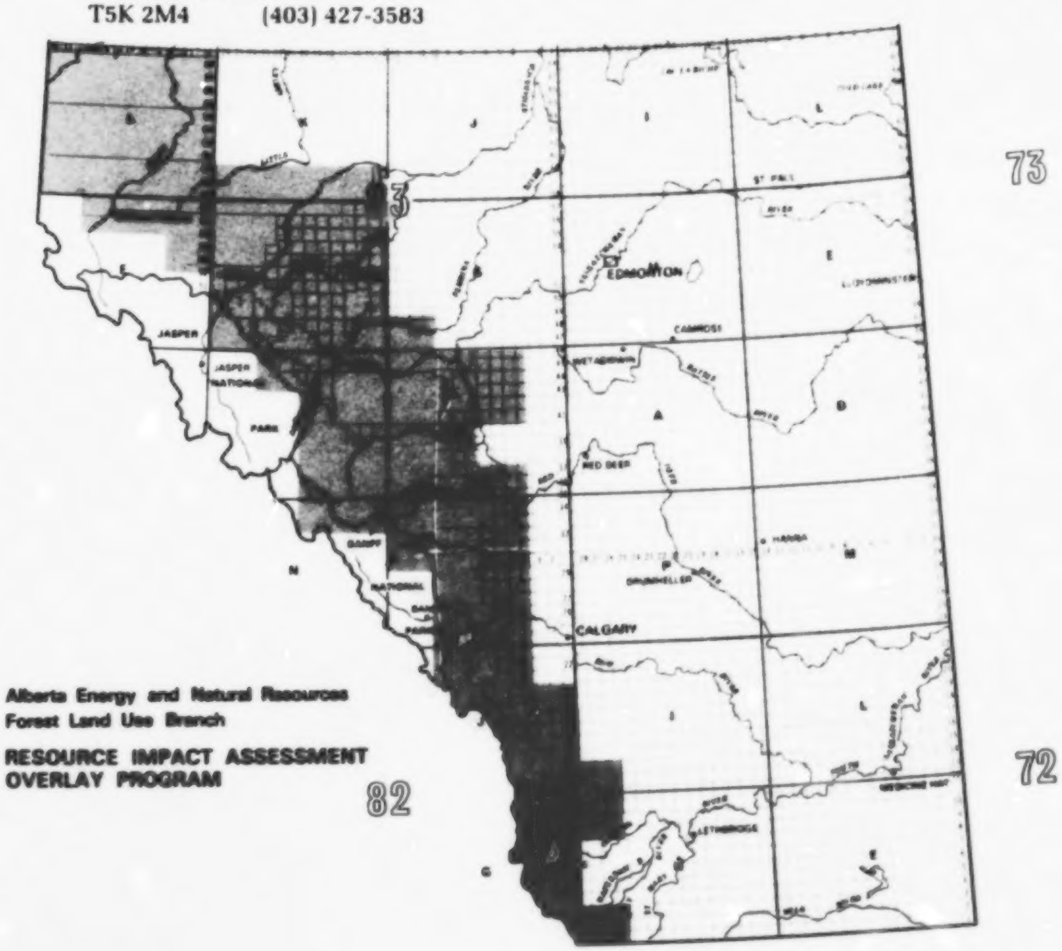
File Size: 92

Project Duration: 1976-1979

Source: Alberta Energy and Natural Resources, Alberta Forest Service

Location: Overlays are available for viewing at:

Alberta Forest Service
6th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3583


73
83
JASPER
JASPER NATIONAL PARK
EDMONTON
CAMROSE
RED DEER
BANFF NATIONAL PARK
CALGARY
DRUMHELLER
LETHBRIDGE
Alberta Energy and Natural Resources
Forest Land Use Branch
RESOURCE IMPACT ASSESSMENT OVERLAY PROGRAM
82
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SOIL SURVEYS OF NATIONAL AND PROVINCIAL PARKS AND AREAS ASSESSED FOR PARKS PLANNING

Details: A series of soil survey maps and reports that have been prepared for national and provincial parks and areas assessed for parks planning in Alberta.[18]

File Size: 55

Project Duration: 1975-

Source: Alberta Research Council. Soils Department, and Alberta Institute of Pedology

Location: Soil survey maps and reports are available from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map **Description**

1. Waterton Lakes National Park; G.M. Coen, W.D. Holland, 1976. Scale 1:15 560. Alberta Institute of Pedology Report S-73-33. (NTS 82G, H).

2. Elk Island National Park Soil Survey: P.H. Crown, 1977. Scale 1:25 000. Alberta Institute of Pedology Report S-77-38 (NTS 83H).

3. Soil Survey of Little Bow Provincial Park and interpretation for recreational use; G.M. Greenlee, 1973. Open File Report 1973-2. (NTS 82I).

4. Soil survey of Entrance Provincial Park and interpretation for recreational use; G.M. Greenlee, 1973. Open File Report 1973-8. (2 maps) (NTS 83F).[19]

5. Soil survey of Lesser Slave Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1973. Open File Report 1973-12. (5 maps) (NTS 83O).

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[18] To obtain information regarding background material which will assist in an understanding of soil survey reports written for Alberta provincial parks and recreation areas, consult: **Guidebook for Use with Soil Survey Reports of Alberta Provincial Parks and**, 1981. Earth Sciences Report 81-1, by the Soils Recreation Areas Department, Alberta Research Council. Copies are available from: Publication Sales, Alberta Research Council.

[19] Now William A. Switzer Provincial Park.

6. Soil Survey of Young's Point Provincial Park and interpretation for recreational use; G.M. Greenlee, 1973. Open File Report 1973-15. (1 map) (NTS 83N).

7. Soil survey of Bow Valley Provincial Park and adjacent Kananaskis area and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-2. (2 maps) (NTS 82O).

8. Soil survey of Bragg Creek Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-6. (1 map) (NTS 82J).

9. Soil Survey of Beauvais Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-11. (1 map) (NTS 82G).

10. Soil survey of Police Outpost Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-12. (1 map) (NTS 82H).

11. Soil survey of Gregoire Lake Provincial Park and interpretation for use; G.M. Greenlee, 1974. Open File Report 1974-13. (1 map) (NTS 74D).

12. Soil Survey of Woolford Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-14. (1 map) (NTS 82H).

13. Soil survey of Crimson Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-15. (1 map) (NTS 83B).

14. Soil survey of Pigeon Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-17. (1 map) (NTS 83H).

15. Soil survey of Cross Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1975. Open File Report 1975-1. (1 map) (NTS 83I).

16. Soil survey of Winagami Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1975. Open File Report 1975-2. (1 map) (NTS 83N).

17. Soil survey of Long Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1975. Open File Report 1975-5. (1 map) (NTS 83I).

18. Soil survey of Moonshine Lake Provincial Park and interpretation for recreational use; R.A. MacMillan and G.M. Greenlee, 1977. Open File Report 1977-1. (2 maps) (NTS 83M).

19. Soil survey of Dry Island Buffalo Jump Provincial Park and interpretation for recreational use; G.M. Greenlee and R.A. MacMillan, 1977. Open File Report 1977-17. (2 maps) (NTS 82P).

20. Soil survey of Moose Lake Provincial Park and interpretation for recreational use; G.M. Greenlee and R.A. MacMillan, 1977. Open File Report 1977-16. (2 maps) (NTS 73L).

21. Soil survey of Cypress Hills Provincial Park and interpretation for recreational use; G.M. Greenlee, 1982. Earth Sciences Report 80-4. (NTS 72E).

22. Writing-On-Stone; G.M. Greenlee (in preparation).

23. Wabamun Lake; G.M. Greenlee (in preparation).

24. Thunder Lake; G.M. Greenlee (in preparation).

25. Blue Lake; G.M. Greenlee (in preparation).

26. Soil survey of an area adjacent to Calling Lake, Alberta, and interpretation for recreational use; G.M. Greenlee, 1973. Open File Report 1973-16. Refer also to Open File Report 1979-1. (1 map) (NTS 83P).

27. Soil survey of Fish Creek Valley adjacent to Calgary, Alberta, and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-1. (1 map) (NTS 82I).

28. Soil survey of Wildcat Hills area and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-3. Refer also to Open File Report 1974-4. (1 map) (NTS 82O).

29. Addendum to soil survey of Wildcat Hills area and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-4. Refer also to Open File Report 1974-3. (2 maps) (NTS 82O).

30. Soil survey of areas adjacent to McGregor Lake, Travers Reservoir and Little Bow Lake, and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-5 (5 maps) (NTS 72J).

31. Soil survey of area adjacent to Lac Ste. Anne, and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-7 (1 map) (NTS 83G).

32. Soil survey of Kananaskis Lakes area and interpretation for recreational use; G.M. Greenlee, 1976. Open File Report 1976-1 (6 maps) (NTS 82J).

33. Soil survey of area adjacent to Pinhurst Lake, Alberta, and interpretation for recreational use; G.M. Greenlee, 1977. Open File Report 1977-12 (1 map) (NTS 73L).

34. Carseland; soil survey and interpretation for recreational use; G.M. Greenlee (in preparation) (NTS 82I).

35. Soil survey of Hillard's Bay area on the northwest shore Lesser Slave Lake, and interpretation for recreational use; G.M. Greenlee and R.A. MacMillan, 1977. Open File Report 1977-11 (4 maps) (NTS 83O).

36. Chain Lakes, soil survey and interpretation for recreational use; G.M. Greenlee (in preparation) (NTS 82J).

37. Lake Newell area, soil survey and interpretation for recreational use; G.M. Greenlee (in preparation) (NTS 72L).

38. Gooseberry Lake; G.M. Greenlee (in preparation) (NTS 73D).

39. Big Knife; G.M. Greenlee (in preparation) (NTS 83A).

40. Rochon Sands; G.M. Greenlee (in preparation) (NTS 83A).

41. Vermilion; G.M. Greenlee (in preparation) (NTS 73E).

42. Pembina River; G.M. Greenlee (in preparation) (NTS 83C).

43. Garner Lake; G.M. Greenlee (in preparation) (NTS 73L).

44. Soil survey of Lund's Point area on the southern shore of Cold Lake, Alberta, and interpretation for recreational use; G.M. Greenlee, 1976. Open File Report 1976-3 (2 maps) (NTS 73L).

45. Soil survey and interpretation for recreational use of an area at the junction of the Notikewan and Peace Rivers; G.M. Greenlee, 1979. Earth Sciences Report 78-4 (2 maps) (NTS 84F).

46. Jarvis Bay; G.M. Greenlee and R.A. McMillan (in preparation) (NTS 83B).

47. Soil survey and interpretation for recreational use of Kananaskis Lakes, Designated Areas; G.M. Greenlee, 1981. Earth Sciences Report 80-5 (2 maps) (NTS 82J).

48. Lesser Slave Lake, Addendum; G.M. Greenlee, 1983. Open File Report 1983-8 (NTS 83O).

49. Dillberry Lake; G.M. Greenlee, 1983. Open File Report 1983-5 (NTS 73E).

50. Buck Lake; G.M. Greenlee (in preparation) (NTS 83B).

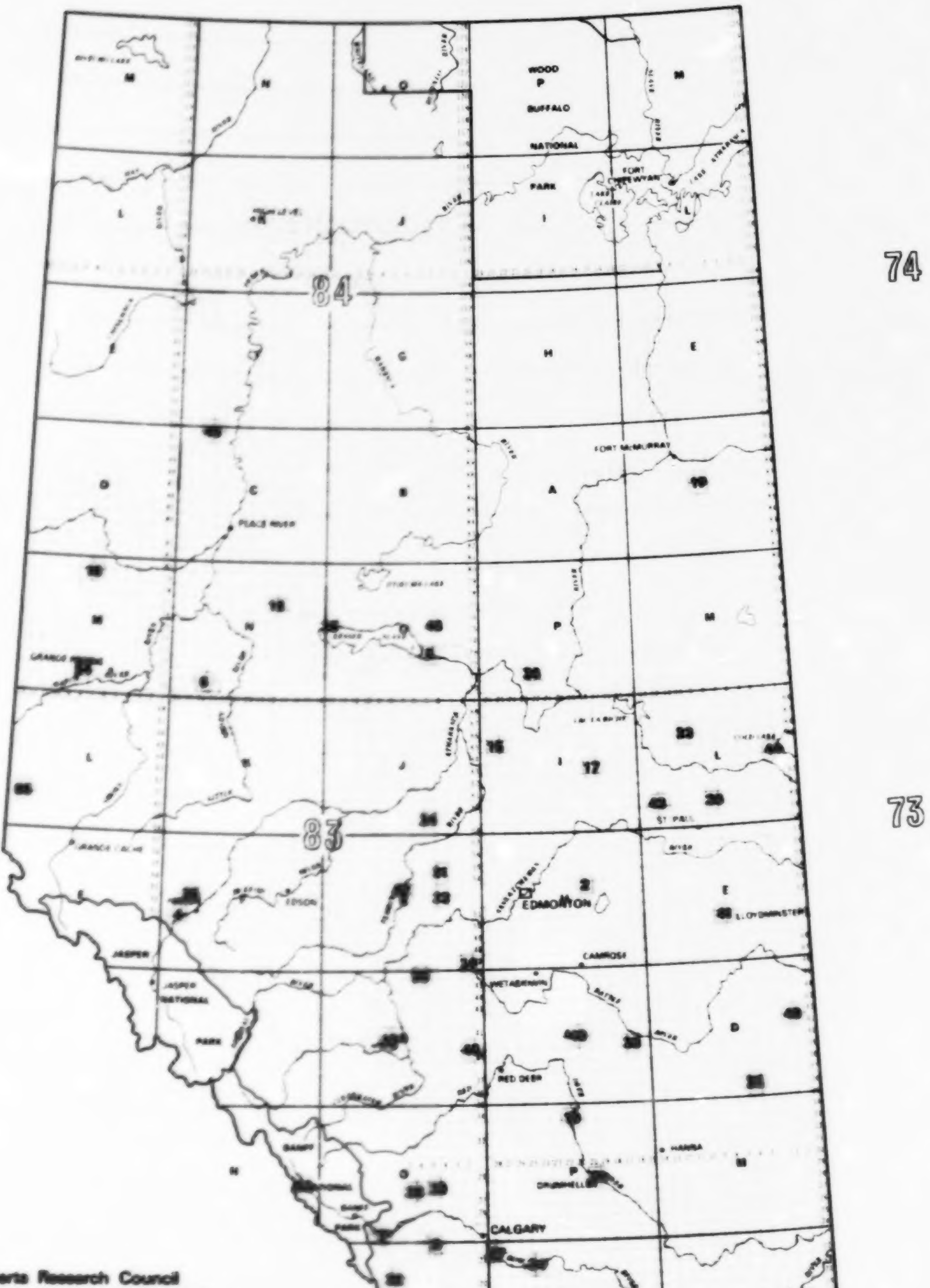
51. Midland Mines (Drumheller); G.M. Greenlee (in preparation) (NTS 82P).

52. Lake Louise, Banff National Park, Land Classification; B.C. Walker et al., 1978. Alberta Institute of Pedology Report M-76-9 (NTS 82N).

53. Willow Creek Park; G.M. Greenlee, 1983. Open File Report 1983-7 (NTS 82I).

54. Saskatoon Island Park; G.M. Greenlee (in preparation) (NTS 83M).

55. Kakwa Falls Region, Designated Areas; G.M. Greenlee (in preparation) (NTS 83L).


74
73
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WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
FORT McMURRAY
PEACE RIVER
GRANDE PRAIRIE
ST PAUL
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
CALGARY
EDSON
GRANDE CACHE
JASPER
JASPER NATIONAL PARK
BANFF
COLEMAN
BLAIRMORE
LETHBRIDGE
MEDICINE HAT

Alberta Research Council
Alberta Institute Of Pedology
NATIONAL AND PROVINCIAL PARKS AND AREAS ASSESSED FOR PARKS PLANNING
Numbers refer to descriptions in text

SOILS MAPPING - AOSERP

Details: A collection of soil maps for the AOSERP[20] study area indicating information useful to forest resource managers and land reclamation specialists. Data provided indicated the types, characteristics, location and areal distribution of soils within the area.

These maps are components of two comprehensive reports titled: **Ecological Habitat Mapping of the AOSERP Study Area Phase,**[21] Report No. 31, Project VE 2.3, 1978 and **Soils Inventory of the AOSERP Study Area,** Report No.122, Project LS 2.1, 1982.

File Size: 61

Project Duration: 1975-1982

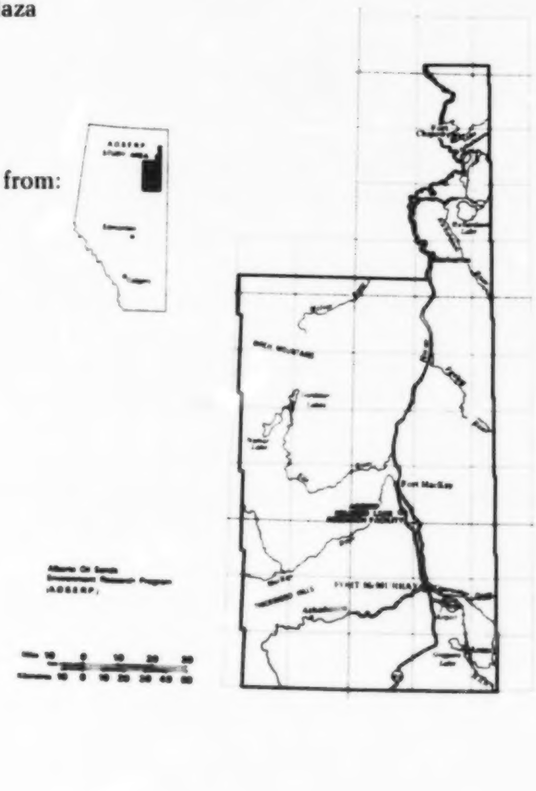
Source: Alberta Oil Sands Environmental Research Program, Research Management Division, Alberta Environment

Location: Diazo copies of Report No.31 maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Further information may be obtained from:

Publications Officer
Research Management Division
Alberta Environment
14th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-3946



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[20] Alberta Oil Sands Environmental Research Program.

[21] Report is out of print and available only from select libraries. Contact Publications Officer, Research Management Division, for further information.

SOIL SURVEY OF URBAN AREAS AND AREAS ADJACENT TO URBAN CENTRES

Details: A collection of maps providing detailed soil survey information for selected areas in Alberta.

File Size: 25

Project Duration: 1972-

Source: Alberta Research Council, Soils Department; and Alberta Institite of Pedology

Location: Soil maps and reports are available from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map	Description
1.	Soil survey for urban development Edmonton, Alberta; J.D. Lindsay and M.D. Scheelar, 1972. Earth Sciences Report 72-7 (NTS 83H).[22] [23]
2.	Soil interpretations for selected components of community development adjacent to Stony Plain, Alberta; M.D. Scheelar, 1973. Open File Report 1973-3 (1 map) (NTS 83H).
3.	Soil interpretations for selected components of community development within the town of Ponoka, Alberta; M.D. Scheelar, 1973. Open File Report 1973-4 (1 map) (NTS 83A).
4.	Soil interpretations for selected components of community development within the new town of Rainbow Lake, Alberta; T. Macyk and M.D. Scheelar, 1973. Open File Report 1973-5 (1 map) (NTS 84L).
5.	Soil interpretations for selected components of community development adjacent to Morinville, Alberta; M.D. Scheelar, 1973. Open File Report 1973-6 (1 map) (NTS 83H).
6.	Detailed soil survey of the Camrose area; M.D. Scheelar, 1973. Open File Report 1973-7 (1 map) (NTS 83H).

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[22] Out of print.

[23] Available on microfiche.

7. Soil interpretations for aiding in the planning for mobile home sites in the town of Bashaw, Alberta; M.D. Scheelar, 1973. Open File Report 1973-9 (1 map) (NTS 83A).

8. Soil survey for community development, Leduc, Alberta; M.D. Scheelar, 1974. Open File Report 1974-10 (1 map) (NTS 83H).

9. Detailed soil survey of the Canmore area; L.J. Knapik, 1974. Open File Report 1974-20 (1 map) (NTS 82O).

10. Detailed soil survey of the Airdrie area; M.D. Scheelar, 1975. Open File Report 1975-3 (1 map) (NTS 82O).

11. Detailed soil survey of the Strathmore area; M.D. Scheelar, 1975. Open File Report 1975-4 (1 map) (NTS 82P).

12. Detailed soil survey of the Cochrane area; M.D. Scheelar, 1975. Open File Report 1975-7 (1 map) (NTS 82O).

13. Detailed soil survey of the Black Diamond -Turner Valley area; M.D. Scheelar, 1975. Open File Report 1975-8 (1 map) (NTS 82J).

14. Detailed soil survey of the St. Albert area; L.J. Knapik and C.F. Veauvy, 1975. Open File Report 1975-10 (1 map) (NTS 83H).

15. Detailed soil survey of the Okotoks area; M.D. Scheelar, 1975. Open File Report 1975-11 (1 map) (NTS 82I).

16. Detailed soil survey of the High River area; M.D. Scheelar, 1975. Open File Report 1975-12 (1 map) (NTS 82I).

17. Detailed soil survey of the Canmore corridor area; M.D. Scheelar, 1976. Open File Report 1976-13 (1 map) (NTS 82O).

18. Detailed soil survey of Bragg Creek area; M.D. Scheelar and C.F. Veauvy, 1977. Open File Report 1977-2 (1 map) (NTS 82J).

19. Detailed soil survey of the Lac Ste. Anne area; T.M. Macyk and C.F. Veauvy, 1977. Open File Report 1977-9 (4 maps) (NTS 83G).

20. Detailed soil survey of the Ardrossan area; M.D. Scheelar, 1978. Soils Department Report M-78-4 (1 map) (NTS 83H).

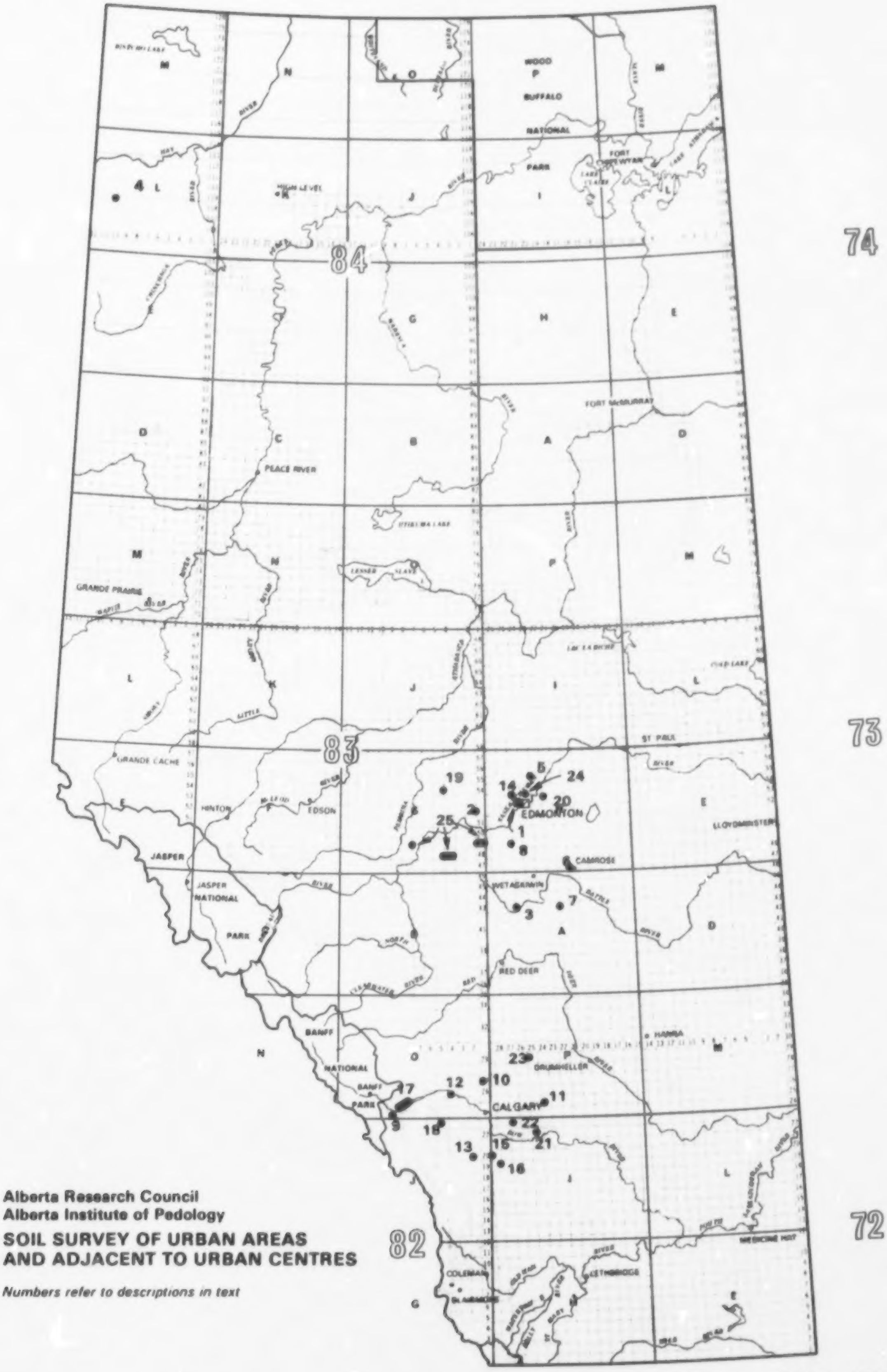
21. Detailed soil survey of the Carseland area; M.D. Scheelar, 1978. Soils Department Report M-78-7 (1 map) (NTS 82I).

22. Detailed soil survey of the Langdon area; M.D. Scheelar, 1978. Open File Report 1978-10 (1 map) (NTS 82I).

23. Detailed soil survey of the Acme area; M.D. Scheelar, 1978. Open File Report 1978-11 (1 map) (NTS 82P).

24. Fort Saskatchewan; (in preparation) (NTS 83H).

25. Detailed soil surveys of the Calmar, Thorsby, Breton, Warburg and Drayton Valley Areas; M.D. Scheelar,1979. Open File Report 1983-24. (NTS 83G, H).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PEACE RIVER
GRANDE PRAIRIE
LESSER SLAVE
LAC LA BICHE
COLD LAKE
ST PAUL
LLOYDMINSTER
GRANDE CACHE
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
CAMROSE
WETASKIWIN
RED DEER
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Alberta Research Council
Alberta Institute of Pedology

SOIL SURVEY OF URBAN AREAS AND ADJACENT TO URBAN CENTRES

Numbers refer to descriptions in text

SOLONETZIC SOILS OF ALBERTA

Details: A 1:1 000 000 map has been prepared showing the solonetzic order of soils found in Alberta. These soils, formed under grass or grass-forest vegetative cover in semi-arid or subhumid climates, have a stained brownish solonetzic B (Bnt or B) horizon or a saline C horizon.

File Size: 1

Project Duration: 1982

Source: Alberta Institute of Pedology in conjunction with Agriculture Canada

Location: Information may be obtained from:

Faculty of Extension
Corbett Hall
University of Alberta
Edmonton, Alberta
T6G 2G4 (403) 432-3029

or

Agriculture Canada, Soil Survey
6th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 420-4243

SPECIAL GEOMORPHIC LANDFORM MAPS

Details: A collection of CLI and ALI maps prepared to provide a physical resource data base for rating the lands forest productivity potential based upon parent geological material. Landscapes are divided into relatively natural homogeneous units by parent geological materials. CLI and ALI maps differ in format only.

File Size: 326

Project Duration: 1961-1979

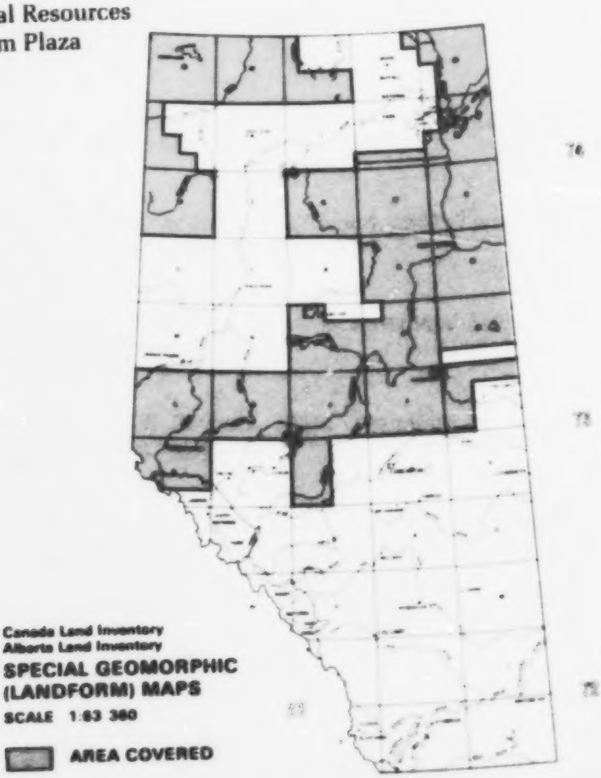
Source: Environment Canada, Lands Directorate, and Alberta Energy and Natural Resources

Location: Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

or

Land Classification Section
Department of Energy and Natural Resources
4th Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-2850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Canada Land Inventory
Alberta Land Inventory
SPECIAL GEOMORPHIC
(LANDFORM) MAPS
SCALE 1:63 360
▨ AREA COVERED

STEREOPLOTTER MAPPING

Details: Special purpose topographic and planimetric maps are produced at a variety of scales dependent on the requirements of the project, although scales of 1:2 400 and 1:2 000 predominate. Annual index maps are available, indicating the areas for which stereoplotter mapping has been completed.

File Size: 250 +

Project Duration: 1972-

Source: Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Photogrammetric Services

Location: Index maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

SURFICIAL GEOLOGY - ALBERTA RESEARCH COUNCIL

Details: A collection of surficial geology maps indicating distribution, origin and type of surficial materials deposited in parts of Alberta. Maps showing the gross thickness of surficial deposits or many parts of the Plains are published with the Bedrock Topography Series.

File Size: 54

Project Duration: 1955-

Sources: Alberta Research Council, Alberta Geological Survey

Location: Surficial geology maps may be obtained from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 3R7 (403) 438-1666

Number on Index Map	Description
1.	Glacial Geology of Coronation district; C.P. Gravenor and L.A. Bayrock, 1955. Scale 1:63 360. Accompanies Earth Sciences Report 55-1. (NTS 73D).[24] [25]
2.	Glacial Geology of Castor district; C.P. Gravenor, 1956. Scale 1:63 360. Accompanies Earth Sciences Report 56-2. Preliminary map. (NTS 83D).[24] [25]
3.	Glacial Geology of the Sedgewick district; C.P. Gravenor and R.B. Ellwood, 1957. Two maps. Scale 1:63 360. Accompanies Earth Sciences Report 57-1. (NTS 73D).[24] [25]
4.	Glacial Geology of the Alliance-Brownfield district; L.A. Bayrock, 1958. Two maps. Scale 1:63 360. Accompanies Earth Sciences Report 57-2. (NTS 73D).[24] [25]
5.	Glacial Geology of the Galahad-Hardisty district; L.A. Bayrock, 1958. Two maps. Scale 1:63 360. Accompanies Earth Sciences Report 57-3. (NTS 73D).[24] [25]
6.	Surficial Geology of the Edmonton district; L.A. Bayrock and G.M. Hughes, 1962. Four maps. Scale 1:63 360. Accompanies Earth Sciences Report 62-6. (NTS 83H).[24] [25]

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[24] Out of print.

[25] Available on microfiche.

7. Surficial Geology of the Vauxhall district; L.A. Bayrock and J.F. Jones, 1963. Scale 1:63 360. Accompanies Earth Sciences Report 63-2. (NTS 82I).

8. Surficial Geology of the Cypress Hills; J.A. Westgate, 1965. Six maps. Scale 1:63 360. Accompanies Earth Sciences Report 65-2. (NTS 72E).[24]

9. Surficial deposits of the Peace River district, Alberta; J.F. Jones, 1966. Scale 1:506 880. Accompanies Bulletin 16. (NTS 83M,N; 84C, D).[24, 25]

10. Surficial Geology of the Wainwright area (east half), Alberta; L.A. Bayrock, 1967. Eight maps. Scale 1:63 360. Accompanies Earth Sciences Report 67-4. (NTS 73D).[24]

11. Surficial Geology of the Foremost-Cypress Hills area; J.A. Westgate, 1968. Scale 1:250 000. Accompanies Bulletin 22. (NTS 72E).[24]

12. Surficial Geology of the Edson area; M.A. Roed, 1970. Scale 1:250 000 (excludes most of the southwestern part of the area contained within the Foothills region). (NTS 83).

13. Surficial Geology of the Bitumount area; L.A. Bayrock, 1971. Scale 1:250 000. (NTS 74E).[24]

14. Surficial Geology of the Fort Chipewyan area; L.A. Bayrock, 1972. Scale 1:250 000. (NTS 74L).

15. Surficial Geology of the Lake Claire map area; L.A. Bayrock, 1972. Scale 1:250 000. (NTS 84I).

16. Surficial Geology of the Peace Point and Fitzgerald map area; L.A. Bayrock, 1972. Scale 1:250 000. (NTS 84P; 74M).

17. Surficial Geology of the Edmonton area; L.A. Bayrock, 1972. Scale 1:250 000. Accompanies Bulletin 32 and Earth Sciences Report 73-2. (NTS 83H).[24]

18. Surficial Geology of the Medicine Hat area; T. Berg and R.A. McPherson, 1972. Scale 1:250 000. (NTS 72L).

19. Surficial Geology of the Rocky Mountain House area; A.N. Boydell, L.A. Bayrock and T.H. Reimchen, 1974. Scale 1:250 000. (NTS 83B).

20. Surficial Geology, Wapiti Map Sheet; L. Andriashek, 1983. Scale 1:250 000. Open File Report 1983-23. (NTS 83L).

21. Surficial Geology of the Waterways area; L.A. Bayrock and T.H. Reimchen, 1974. Scale 1:250 000. (NTS 74D).

22. Surficial Geology of the Wabamun Lake area; L.D. Andriashek, M.M. Fenton and J.D. Root, 1979. Scale 1:250 000. (NTS 83G).

23. a. Surficial Geology of the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 23 in Bulletin 32. (NTS 83H).[*]

    b. Surficial deposits of sand and gravel in the Edmonton region; C.P. Kathol and R. McPherson, 1975. Scale 1:250 000. Figure 33 in Bulletin 32. (NTS 83H).

    c. Thickness of surficial deposits in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 24 in Bulletin 32. (NTS 83H).

    d. Thickness of glaciolacustrine sediments in the Edmonton area; C.P. Kathoi and R.A. McPherson, 1975. Scale 1:50 000. Figure 29 in Bulletin 32. (NTS 83H).

    e. Thickness of glacial till in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 28 in Bulletin 32. (NTS 83H).

    f. Thickness of Saskatchewan gravels and sands and overburden in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 27 in Bulletin 32 (83H).

    g. Geological cross-sections in the Edmonton area; C.P. Kathol and R.A. McPherson (4 sheets), 1975. Figure 26 in Bulletin 32 (see 23h for index to cross-sections). (NTS 83H).

    h. Index map showing lines of geological cross-sections; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 25 in Bulletin 32 (see 23g for cross-sections). (NTS 83H).

    i. Susceptibility of deposits to erosion in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 41 in Bulletin 32. (NTS 83H).

    j. Susceptibility of deposits to slumping in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 42 in Bulletin 32. (NTS 83H).

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[*] Maps 23a to 23p are available in Alberta Research Council Bulletin 32, *Urban Geology of Edmonton*, or they may be purchased separately.

k. Potential sulfate hazard in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Figure 38 in Bulletin 32. (NTS 83H).

l. General construction conditions in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 36 in Bulletin 32. (NTS 83H).

m. Suitability of the Edmonton area for deep sewer construction 10 - 50 feet below the surface.; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 43 in Bulletin 32. (NTS 83H).

n. Suitability of the Edmonton area for deep sewer construction 50 - 100 feet below the surface; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 44 in Bulletin 32. (NTS 83H).

o. Suitability of the Edmonton area for deep sewer construction at depths greater than 100 feet (30 m) below the surface; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 45 in Bulletin 32. (NTS 83H).

p. Suitability of the Edmonton area for solid waste disposal; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 40 in Bulletin 32. (NTS 83H).

24. Surficial Geology, House Mountain, Alberta; C.P. Kathol and R.A. McPherson, 1974. Scale 1:50 000. Accompanies Alberta Research Council Report 74-5.

25. a. Surficial Geology of the Alberta Foothills and Rocky Mountains; L.A. Bayrock and T.H. Reimchen, 1980. Six sheets. Scale 1:250 000. (NTS 83L, F; 82O, J, G, H).

    b. Surficial Geology and erosion potential of Rocky Mountains and the Foothills of Alberta; T.H. Reimchen and L.A. Bayrock, 1977 (226 maps as transparent overlays for each of the 1:50 000 National Topographic System map sheets) Open File 1977-14.

26. Surficial Geology and maps related to urban geology, Calgary area; S. Moran et al. Scale 1:50 000 and 1:25 000 (in preparation).[27]

27. Surficial Geology, Sand River; L.D. Andriashek and M.M. Fenton. Scale 1:250 000 (in press). Open File Report 1979-6.

28. Surficial Geology, Fitzgerald (east of the Slave River) and Fort Chipewan (north of Lake Athabasca, Mamawi Lake and Baril Lake; J.D. Godfrey. Scale 1:250 000 (in preparation).

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[27] Similar in format and content to maps in Alberta Research Council Bulletin 32, Urban Geology of Edmonton. (maps 23a to 23p).

29. a. Surficial Geology, Athabasca Oil Sands area; R.A. McPherson and C.P. Kathol. Scale 1:50 000. Open File No. 1977-4. (NTS 74E).

b. Surficial Geology of potential mining areas in the Athabasca Oil Sands region; R.A. McPherson and C.P. Kathol. Scale 1:125 000. Open File No. 1977-4. Contains considerable detailed information. (NTS 74E).

30. Terrain analysis (including surficial deposits, topography and slope); Banff National Park, Alberta; L.A. Bayrock and T.H. Reimchen, 1976. Scale 1:50 000. Available from **Parks Canada, Western Region, Calgary office.**

31. Terrain analysis (including surficial deposits, topography and slope); Jasper National Park, Alberta; L.A. Bayrock and T.H. Reimchen, 1976. Scale 1:50 000. Available from **Parks Canada, Western Region, Calgary office.**

32. Terrain analysis (including surficial deposits, topography and slope); Wood Buffalo National Park, Alberta and Northwest Territories; L.A. Bayrock and T.H. Reimchen, 1976. Scale 1:100 000. Available from **Parks Canada, Prairie Region, Winnipeg office.**

33. Surficial Geology of the Vermilion area, M. Fenton (in preparation). (NTS 73E).

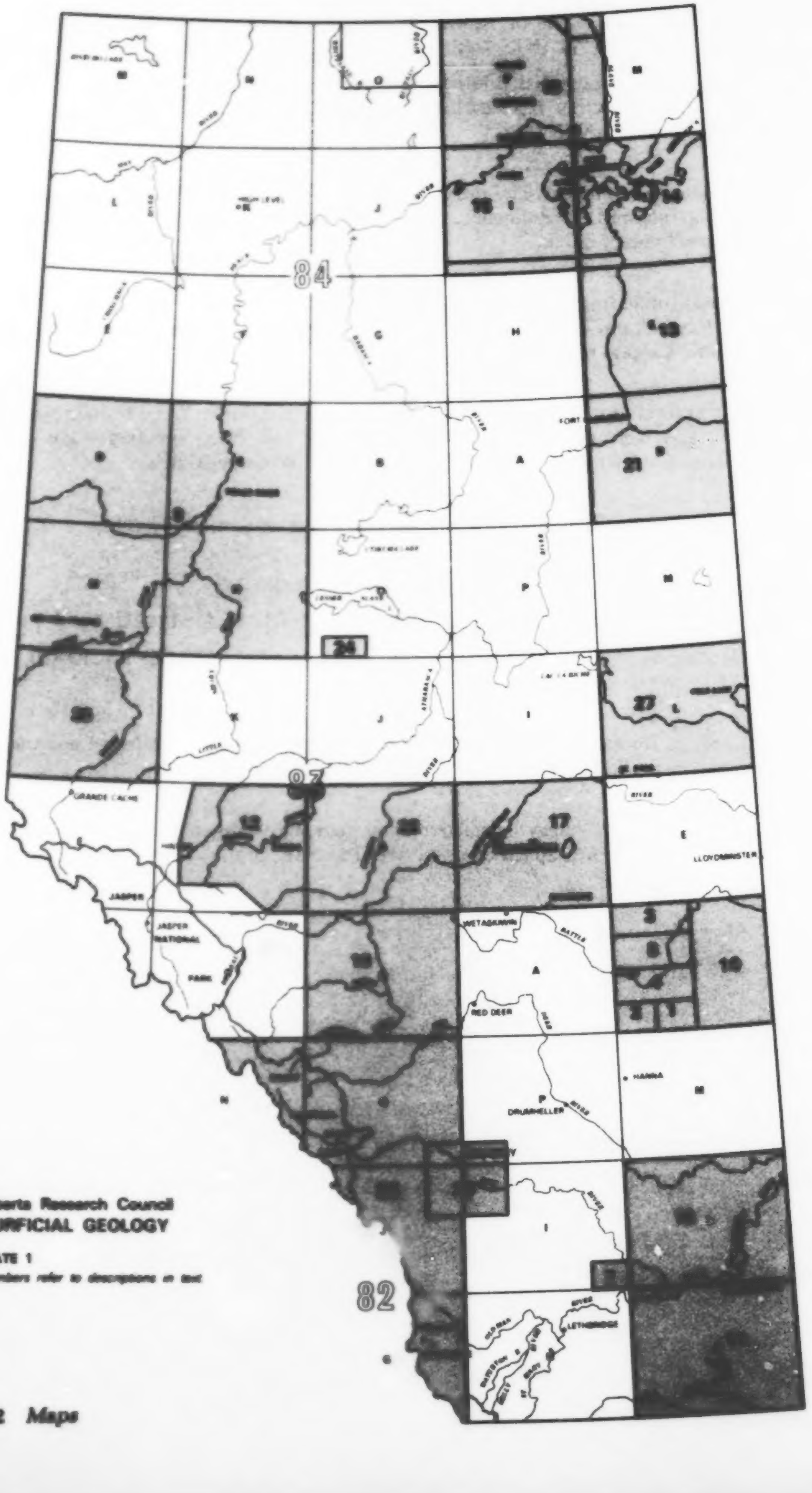
34. Quartenary Geology, Southern Alberta; I. Shetsen. Scale 1:500 000.

a. Part 1, South of 52 degrees latitude (in preparation). (NTS 72E, L, M ; 82H, I, J, O, P).

b. Part 2, South of 54 degrees 30 minutes latitude (in preparation). (NTS 73D, E, L; 83A, B, F, G, H, I, J, K).

35. Surficial Geology, Kootenay Sheet NM-11 Alberta portion, N. Rutter, Geology Department, University of Alberta. (NTS 82G, J, N, O).

36. Investigations of Surficial Geology and quaternary stratigraphy of Edmonton area; L. Andriashek, 1983. Open File Report 1983-20 (in final draft). (NTS 83H).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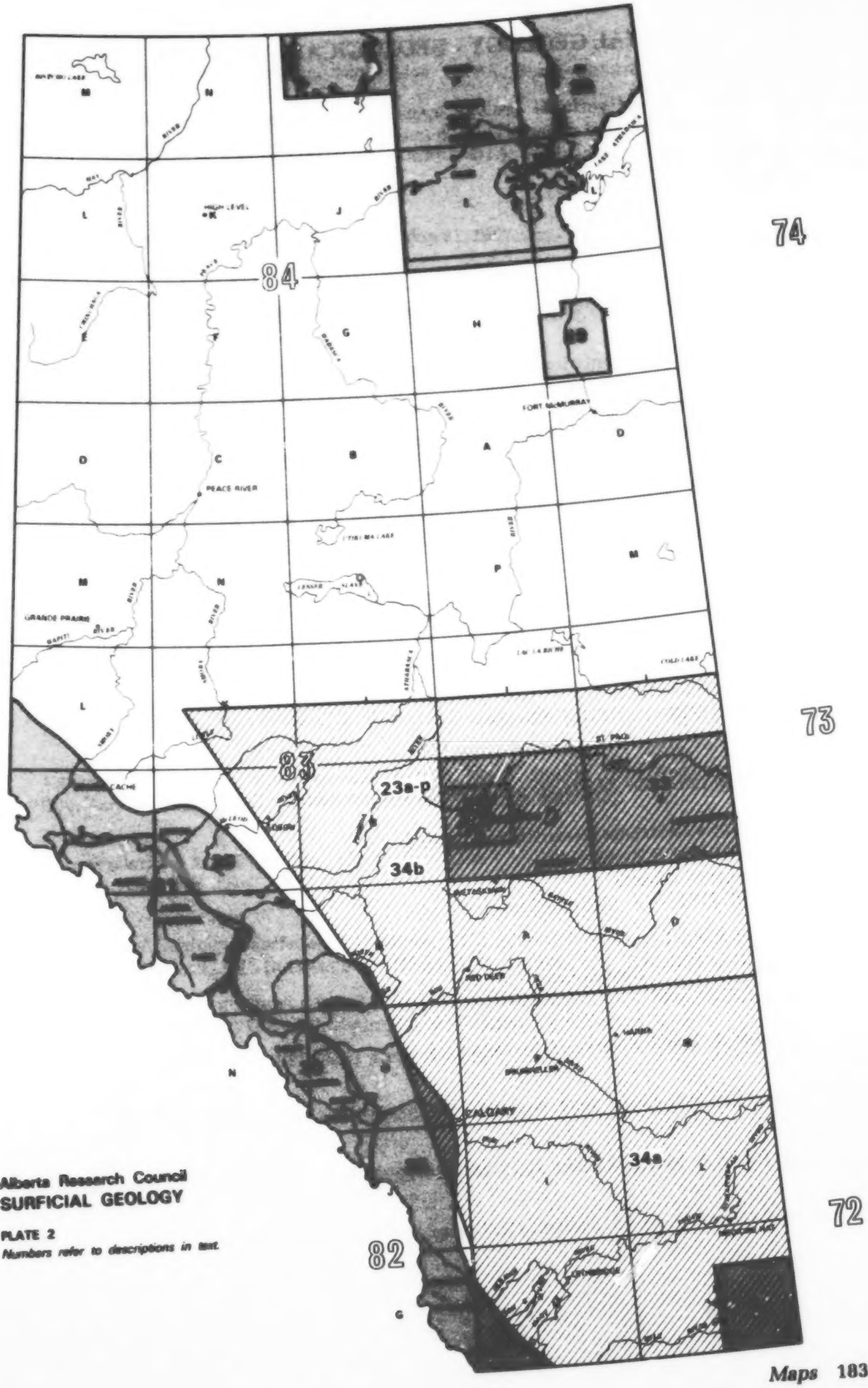
Alberta Research Council
SURFICIAL GEOLOGY

PLATE 1
Numbers refer to descriptions in text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Alberta Research Council
SURFICIAL GEOLOGY

PLATE 2
Numbers refer to descriptions in text.

SURFICIAL GEOLOGY - GEOLOGICAL SURVEY OF CANADA

Details: A series of surficial geology maps indicating the type, distribution and origin of unconsolidated materials which overlie the bedrock in most parts of Alberta.

File Size: 20

Project Duration: 1956-

Source: Canada Department of Energy, Mines and Resources, Geological Survey of Canada

Location: Open file information may be obtained from:

Publications and Air Photo Section
Institute of Sedimentary and Petroleum Geology
3303-33rd Avenue, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0110

or

Library
Department of Energy and Mines, Publications
Geological Survey of Canada
601-Booth Street
Ottawa, Ontario
K1A OE8 (613) 995-4342

Copies of some open file information may be purchased from:

Riley's Datashare International Limited
1223-31st Avenue, N.E.
Calgary, Alberta
T2E 7W1 (403) 230-5942

Number on Index Map	Description
1.	Beiseker; A. MacS. Stalker, 1956. Map 55-7. Scale 1:126 720. (NTS 82P).
2.	Drumheller; B.G. Craig, 1957. Map 13-1957. Scale 1:253 440. (NTS 82P).
3.	High River; A. Mac S. Stalker, 1957. Map 14-1957. Scale 1:253 440. (NTS 82I).
4.	Fort MacLeod; A. MacS. Stalker, 1959. Map 21-1958. Scale 1:253 440. (NTS 82H).

5. Sturgeon Lake; E.P. Henderson, 1960. Map 1077A. Scale 1:253 440, with Memoir 303. (NTS 83N).

6. Red Deer-Stettler; A. MacS. Stalker, 1960. Map 1081A. Scale 1:253 440. Accompanies G.S.C. Memoir 306. (NTS 83A).

7. Fernie (east half); A. MacS. Stalker, 1962. Map 31-1961, scale 1:253 440. (NTS 82G/1, 2, 7, 8, 9, 10, 15, 16).

8. Lethbridge (east half); A. MacS. Stalker, 1962. Map 41-1962. Scale 1:253 440 (NTS 82H).

9. Blood Indian Reserve; A. MacS. Stalker, 1963. Map 40-1963. Scale 1:126 720. Accompanies G.S.C. Paper 63-25. (NTS 82H).

10. Bassano; A. MacS. Stalker, 1965. Map 5-1965. Scale 1:253 440. (NTS 82I/1, 2, 7-10, 15, 16).

11. Iosegun Lake (east half); D.A. St.-Onge, 1967. Map 15-1966. Scale 1:253 440. (NTS 83K/1, 2, 7-10, 15, 16).

12. Geomorphology, Swan Hills; D.A. St.-Onge, 1969. Map 1206A. Scale 1:50 000. (NTS 83J/11).

13. Whitecourt; D.A. St.-Onge and S.H. Richard, 1975. Map 1367A. Scale 1:250 000. (NTS 83J).

14. Surficial Geology, Dapp Creek; S.H. Richard. Scale 1:100 000. Map 1-1979. (NTS 83I/SW).

15. Kananaskis Research Forest-Marmot Creek; A. MacS. Stalker, 1974. Map 1365A. Scale 1:50 000. Accompanies G.S.C. Paper 72-51. (NTS 82J/14,15: 82O/2, 3).

16. Drumheller; A. MacS. Stalker, 1973. Map 1336A. Scale 1:250 000. Accompanies G.S.C. Memoir 370 (NTS 82P).

17. a. Surficial Geology, Banff area; N.W. Rutter, 1972. Map 1324A, Sheet 1 and 2. Scale 1:50 000. Accompanies G.S.C. Bulletin 206. (NTS 82J/13, 14; 82O/3, 4, 5, 6; 82N/1, 8).

    b. Relative ages of surficial deposits, Banff area; N.W. Rutter, 1972. Map 1325A. Scale 1:125 000. Accompanies G.S.C. Bulletin 206. (NTS 82N/1, 8; 82O/3, 4, 5, 6).

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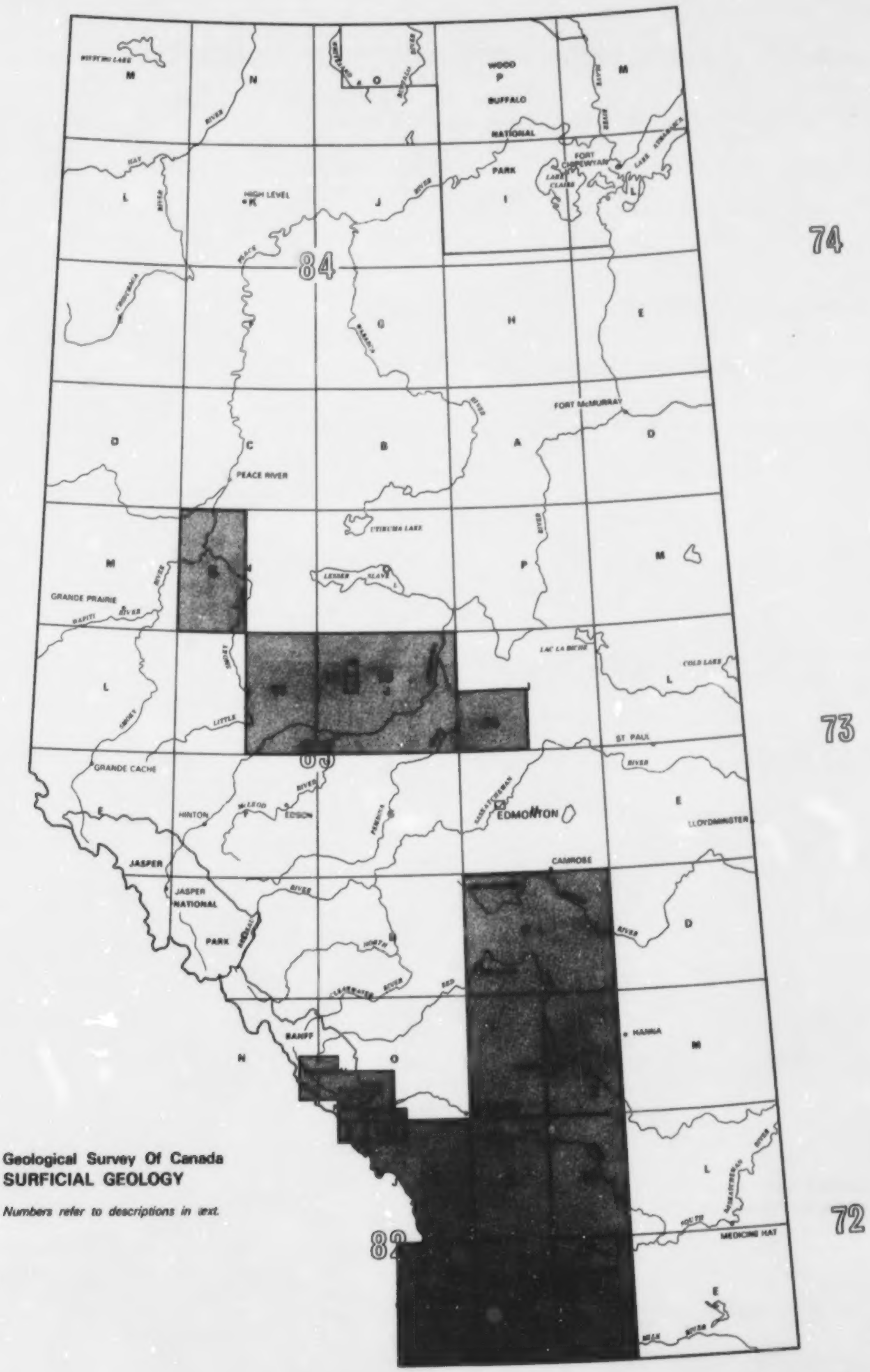
[28] Available only from Riley's Datashare.

18. Surficial Geology and Terrain Inventory of the Alberta Portion of the Kananaskis Lakes Map Area; L.E Jackson, Jr.,1980. Open File 924. Scale 1:125 000. (NTS 82J).[28]

19. Waterton Lakes National Park : Quarternary Geology; J.E. Harrison, 1976. Map 1422A, scale 1:50 000. With Miscellaneous Report 26. (NTS 82G/1; 82H/4).



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SASKATCHEWAN
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LLOYDMINSTER
CAMROSE
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BANFF
SOUTH SASKATCHEWAN RIVER
MEDICINE HAT
MILK RIVER
HAY RIVER
SLAVE RIVER
BUFFALO RIVER
WABASCA

Geological Survey Of Canada
SURFICIAL GEOLOGY

Numbers refer to descriptions in text.

SURFICIAL GEOLOGY AND EROSION POTENTIAL, FOOTHILLS OF ALBERTA

Details: Surficial geology, erosion potential and slope maps have all been prepared at 1:50 000 for the Rocky Mountains-Foothills Region of Alberta (refer to entry 25b of "Surficial Geology -Alberta Research Council" on page 177). Maps are available as transparent overlays for each of the national topographic 1:50 000 map sheets.

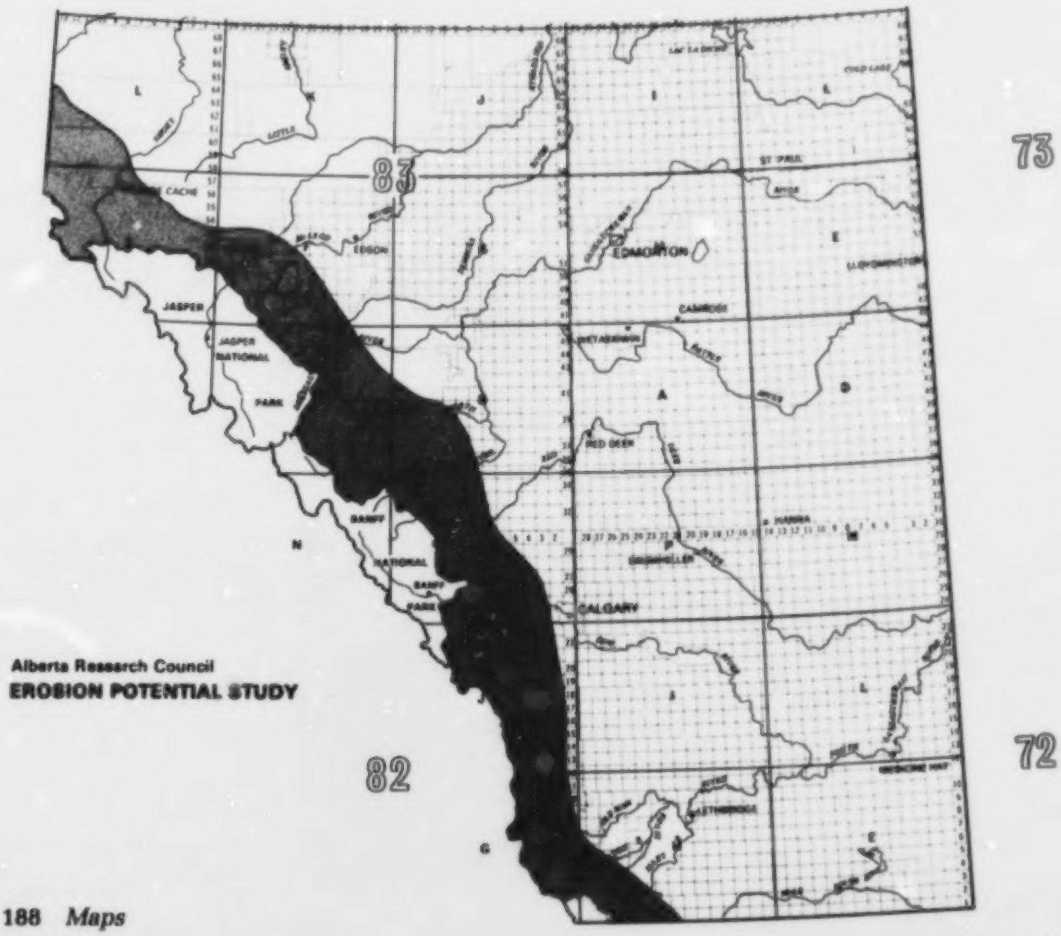
File Size: 226

Project Duration: 1974-1976

Source: Alberta Research Council, Alberta Geological Survey

Location: Reports and maps are available as Open File 1977-14 from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666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Alberta Research Council
EROSION POTENTIAL STUDY

SURFICIAL GEOLOGY MAPPING - AOSERP AREA

Details: A series of surficial geology maps indicating the types, distribution and origin of unconsolidated materials which overlie the bedrock in the AOSERP[29] study area. The following 1:50 000 NTS maps are available : 74D/6, 11, 13, and 14; 74E/3, 4, 5, 6 and 12.

These maps are components of a comprehensive report[30] titled: **Ecological Habitat Mapping of the AOSERP Study Area Phase 1,** Report No. 31, Project VE 2.3, 1978.

File Size: 9

Project Duration: 1975-1979

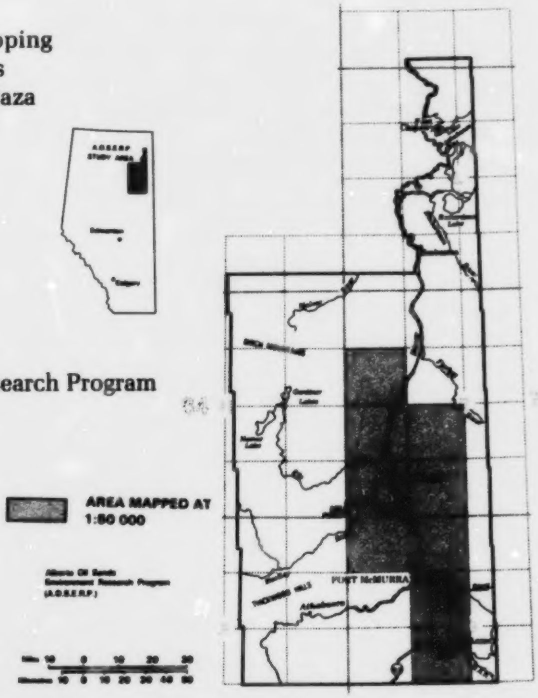
Source: Alberta Oil Sands Environmental Research Program, Research Management Division, Alberta Environment

Location: Diazo copies available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Further information may be obtained from:

Publications Officer
Research Management Division
Alberta Oil Sands Environmental Research Program
14th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-3946


AOSERP STUDY AREA
AREA MAPPED AT 1:50 000
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Athabasca
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[29] Alberta Oil Sands Environmental Research Program.

[30] Report is out of print and available only from select libraries. Contact Publications Officer, Research Management Division, for further information.

TOPOGRAPHIC MAPS (PROVINCIAL PARKS)

Details: Topographical maps have been prepared for all provincial parks and for some areas not classified as provincial parks. While the scale of these topographic maps varies (1:1 000 to 1:10 000), most have been prepared at 1:2 400; however, reduced maps are available for most areas. Contours, access, hydrography, boundaries, vegetation, cultural features (fire hydrants, waterlines, park offices, etc.) and benchmarks are indicated on these maps.

File Size: 74

Project Duration: 1961-

Frequency of Update: As required

Source: Alberta Recreation and Parks, Design and Implementation Division

Location: Diazo copies may be obtained from:

Parks Mapping and Surveys Unit
Design and Implementation Branch
Alberta Recreation and Parks
6th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6798

For additional provincial park information, consult **Park Plans and Legal Descriptions** (Alberta Recreation and Parks, 1981), available for viewing at either the above address or under the title **Sketches and Descriptions of Parks** at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

TOWNSHIP, BASELINE AND MERIDIAN PLANS AND ELEVATION DIAGRAMS

Details: A collection of township, baseline and meridian plans are available for Alberta at a scale of 1:31 680. All distances are measured in chains. Elevation diagrams accompany baseline and meridian plans. A general indication of the vegetation, hydrography and topography is provided; e.g. "level country covered chiefly with tamarack, spruce, poplar and birch with many swamps and much moss". Field notes and survey reports are available for viewing in conjunction with these plans.

File Size: 4 200

Project Duration: 1882-1979

Frequency of Update: N/A

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

Location: Township, baseline and meridian plans with accompaning elevation diagrams may be obtained from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

VEGETATION MAPPING - AOSERP

Details: A series of vegetation maps assessing the existing vegetation in the AOSERP[31] study area. The following maps are 1:50 000 NTS maps are available : 74D/6, 11, 13, and 14; 74E/3, 4, 5, 6, and 12.

These maps are components of a comprehensive report[32] titled: **Ecological Habitat Mapping of the AOSERP Study Area Phase 1**, Report No. 31, Project VE 2.3, 1978.

File Size: 9

Project Duration: 1975-1979

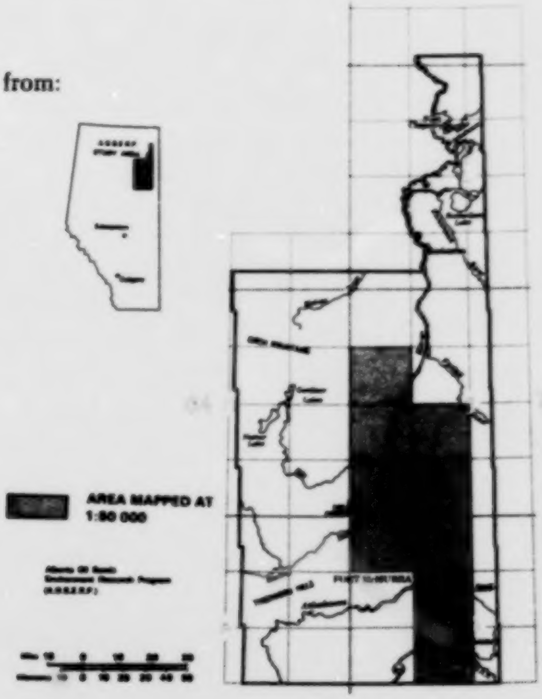
Source: Alberta Oil Sands Environmental Research Program, Research Management Division, Alberta Environment

Location: Diazo copies are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Further information may be obtained from:

Publications Officer
Research Management Divison
14th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-3946



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[31] Alberta Oil Sands Environmental Research Program.

[32] Report is out of print and available only from select libraries. Contact Publications Officer, Research Management Division, for further information.

VISUAL NAVIGATION CHARTS (AERONAUTICAL)

Details: A series of visual navigation charts are available for Western Canada and the Northwest Territories which provide aeronautical and topographical information with a contour interval of 500 feet. Isogonic lines, visual flight routes through mountain passes, known obstuctions, etc., are all illustrated on these charts. This series is currently being revised into a larger format printed on both sides of the map sheet.

File Size: 15

Project Duration: Circa 1970 -

Frequency of Update: Periodically

Source: Canada Department of Energy, Mines and Resources, Surveys and Mapping Branch

Location: Visual navigation charts are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

WILDLIFE KEY AREA MAPS

Details: Wildlife Key Area Maps have been prepared for all of Alberta, with the exception of the following federal lands: Waterton Lakes National Park, Banff National Park, Jasper National Park and Wood Buffalo National Park. The maps, prepared at scales of 1:250 000 and 1:50 000, indicate: known winter ranges for ungulates; production, staging and moulting areas for waterfowl; display grounds for upland birds; nesting sites of colonial nesters; and other miscellaneous wildlife information.

File Size: 48 (1:250 000) ; 726 (1:50 000) for in-house use only

Project Duration: 1973 -

Frequency of Update: Annually

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: 1:250 000 diazo copies are available upon written application to:

Mailing address:

Mr. Al Bibaud
Habitat Protection and Integrated Planning
Fish and Wildlife Division
Alberta Energy and Natural Resources
Main Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6

Office address:

2nd Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6734

Note: Because of the nature of the information, maps are generally available only for resource evaluation and land-use planning purposes. Maps are available for specific projects only and are not distributed in full sets. Applications should state map sheets required and purpose for requesting the Wildlife Key Area information. Diazo copies of the 1:50 000 series are available to departmental staff for internal use only.

WORLD AERONAUTICAL CHARTS

Details: Aeronautical maps have been prepared in a series covering Alberta and all parts of Canada at a scale of 1:1 000 000. Included on these maps are contours, spot elevations, provincial, international and park boundaries, railways, primary and secondary roads, hydrography, cities, towns, villages, oilfields, mines and lookout towers.

File Size: 6

Project Duration: 1967 -

Frequency of Update: Periodically

Source: Canada Department of Energy, Mines and Resources, Surveys and Mapping Branch

Location: Aeronautical maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

REPORTS AND BIBLIOGRAPHIES

AGGREGATE INVENTORY REPORTS - ALBERTA RESEARCH COUNCIL

Details: A series of reports on the distribution of major gravel occurrences in the province. Maps are being produced at 1:50 000 and 1:250 000, with marginal notes. For a listing of these maps refer to "1:50 000 Aggregate Inventory Maps" on page 41 and "1:250 000 Aggregate Inventory Maps" on page 46.

File Size: NA

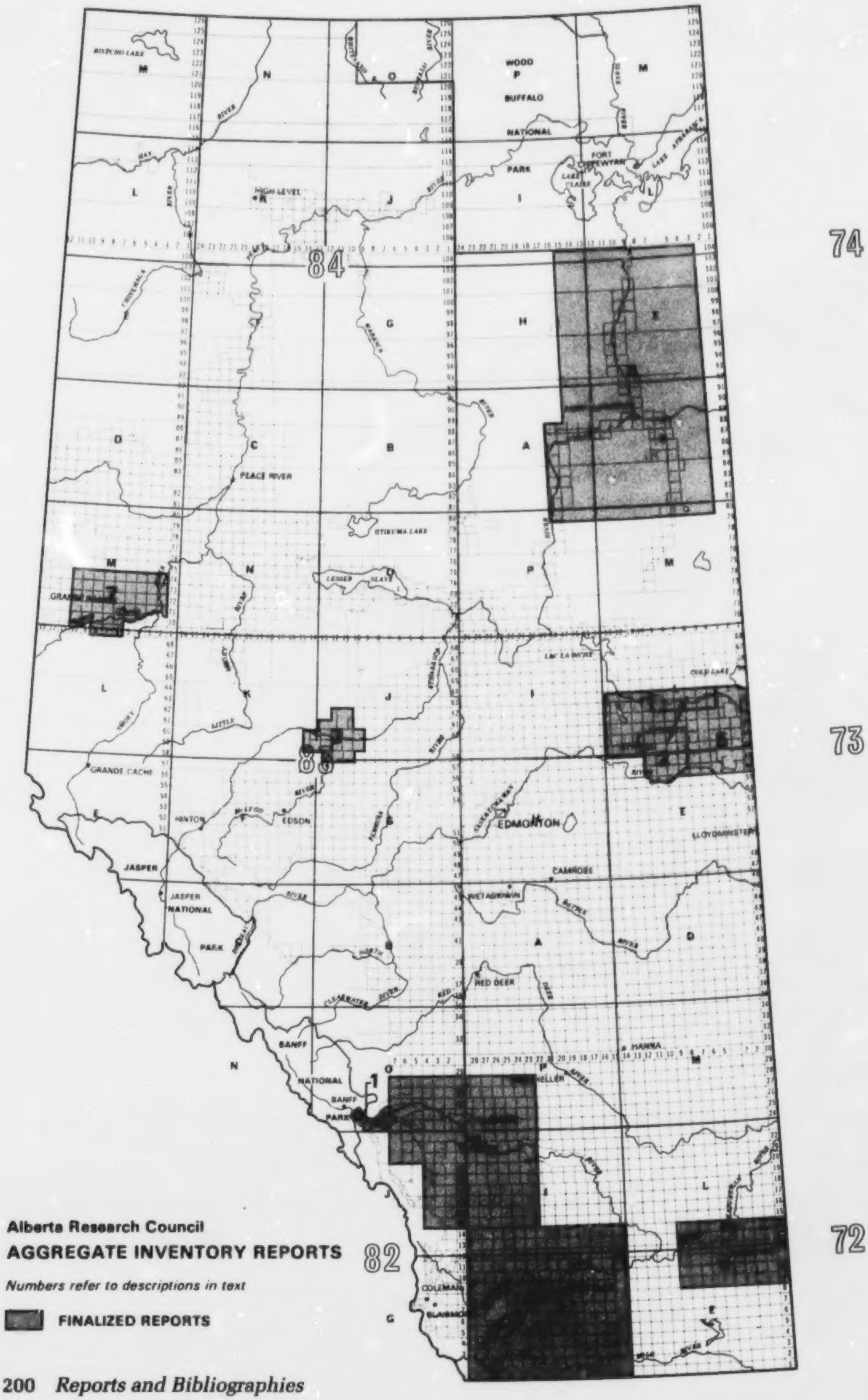
Project Duration: 1976

Source: Alberta Research Council, Alberta Geological Survey

Location: Reports may be purchased from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map	Description
1.	Sand and Gravel Resources in the Canmore Corridor Area; W.A.D. Edwards, 1979. Earth Sciences Report 79-2. (NTS 83C)
2.	Sand and Gravel Resources of the St. Paul and Bonnyville Areas; W.A.D. Edwards, 1980. Open File Report 1980-3. (NTS 73E,L)
3.	Sand and Gravel Resources of the Whitecourt Area; B.N. Peterson, 1980. Open File Report 1980-4. (NTS 83J, K)
4.	a. Sand and Gravel Resources of the Athabasca Oil Sands Region, Northeastern Alberta; Phase I - Proposed Townsite Area; I. Shetson, 1980. Open File Report 1980-6. b. Sand and Gravel Resources of the Athabasca Oil Sands Region, Northeastern Alberta; Phase II - Regional Aggregate Study; J.C. Fox, 1980. Open File Report 1980-7. (NTS 73M; 74D, E, L; 83P; 84A, H, I).
5.	Sand and Gravel Resources of the Cold Lake Region; W.A.D. Edwards and J.C. Fox, 1980. Open File Report 1980-8. (NTS 73E, L).
6.	Sand and Gravel Resources of the Lethbridge Region; I. Shetsen, 1982. Earth Sciences Report 81-4 (6 Maps). (NTS 82H, I)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BISTCHO LAKE
HIGH LEVEL
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE ATHABASCA
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE L.
GRANDE PRAIRIE
GRANDE CACHE
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
LAC LA BICHE
COLD LAKE
LLOYDMINSTER
CAMROSE
WETASKIWIN
RED DEER
HANNA
BANFF NATIONAL PARK
BANFF
COLEMAN
BLAIRMORE

Alberta Research Council

AGGREGATE INVENTORY REPORTS

Numbers refer to descriptions in text

▨ **FINALIZED REPORTS**

7. Sand and Gravel Resources of the Grande Prairie Region; B.M. Peterson, 1980. Open File Report 1980-9. (NTS 83L, M)

8. Sand and Gravel Resources of the Calgary Region; I. Shetsen, 1980. Open File Report 1981-8. (NTS 82I, J, O, P).

AIRPORT STUDIES

Details: A collection of environmental engineering reports has been prepared for the following airports in Alberta: Fort McMurray, Villeneuve, Grande Prairie, and Edmonton International Airport.

File Size: 7

Project Duration: 1975-

Source: Transport Canada, Construction Services Branch

Location: Reports are available for viewing at:

Construction Services Library
Transport Canada
7th Floor, Federal Public Building
9820-107th Street
Edmonton, Alberta
T5K 1G3 (403) 420-3908

ALBERTA LAND USE FORUM

Details: A series of submissions containing the proceedings of public hearings, briefs submitted through public participation programs, supplemental submissions, and technical and summary reports on land-use in Alberta.

Submissions are available for Calgary, Edmonton, Medicine Hat, Lethbridge, Red Deer, Hanna, Wainwright, St. Paul, Fort McMurray, Athabasca, Edson, Peace River, High Level, High Prairie and Grande Prairie.

File Size: 37

Project Duration: 1974-1975

Source: Alberta Energy and Natural Resources, Alberta Land Use Forum

Location: Land-use reports are available for viewing at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

ALBERTA RESEARCH COUNCIL ATMOSPHERIC SCIENCES REPORTS

Details: A series of reports pertaining to meteorological studies, evaluations and research. The majority of the reports deal with the Alberta Hail Studies Program.

File Size: 20

Project Duration: 1969-

Source: Alberta Research Council, Natural Resources Division, Atmospheric Sciences Department

Location: Many of the Alberta Research Council Atmospheric Sciences Reports are out of print; some of these may be obtained in microfiche format, but all can be photocopied. Reports are available for viewing at:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

For a listing of Atmospheric Science Reports, consult **Alberta Research Council List of Publications 1981** and the 1983 supplement; both available from the above address.

ALBERTA RESEARCH COUNCIL BULLETINS

Details: A series of bulletins by the Alberta Research Council dealing with geology, groundwater geology, and hydrology, mineralogy, glaciation and aerial photography.

File Size: 45

Project Duration: 1958-

Source: Alberta Research Council

Location: Many of the Alberta Research Council Bulletins are out of print; some of these may be obtained in microfiche format, but all can be photocopied. Bulletins are available for viewing at:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

For a listing of A.R.C. Bulletins consult **Alberta Research Council List of Publications 1981** and the 1983 supplement; both available from the above address.

ALBERTA RESEARCH COUNCIL EARTH SCIENCES REPORTS

Details: A series of reports (Earth Sciences; Economic Geology) and notes (Earth Sciences; Natural Resources) which deal with topics such as aggregates, aquifers, clay, coal, glacial geology, groundwater, hydrogeology and minerals.

File Size: 133

Project Duration: 1955-

Source: Alberta Research Council

Location: Many of the Alberta Research Council Earth Sciences Reports are out of print; some of these may be obtained in microfiche format, but all can be photocopied. Reports are available for viewing at:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

For a listing of A.R.C. Earth Sciences Reports consult **Alberta Research Council List of Publications 1981** and the 1983 supplement; both available from the above address.

ALBERTA RESEARCH COUNCIL INFORMATION SERIES

Details: A series of information reports by the Alberta Research Council dealing with gasoline surveys, conventional and alternative energy sources, mineral and groundwater evaluations, state-of-the-art reviews, laboratory tests, and symposium and conference proceedings.

File Size: 103

Project Duration: 1949-

Source: Alberta Research Council

Location: Many of the Alberta Research Council Information Series papers are out of print, some of these may be obtained in microfiche format, but all may be photocopied. Papers are available for viewing at:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

For a listing of A.R.C. Information Series reports consult **Alberta Research Council List of Publications 1981** and the 1983 supplement; both available from the above address.

ALBERTA RESEARCH COUNCIL OPEN FILE REPORTS

Details: Open File Reports comprise manuscripts that are unpublished for various reasons, including some that subsequently will appear in formal Alberta Research Council publications. The nature of these reports vary from groundwater assessments to mineral resources, climatology, geology, pedology, and ice studies.

File Size: 276

Project Duration: 1942-

Source: Alberta Research Council

Location: Since these reports are unpublished, **only one copy** of each is on file. Photocopies may be made of these reports which are available for viewing at:

Publication Sales
Alberta Research Council
5th FLoor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

For a complete listing of Open File Reports, consult **Alberta Research Council List of Publications 1981** and the 1983 supplement; both available from the above address.

ARCHAEOLOGICAL SURVEY OF ALBERTA : OCCASIONAL PAPERS

Details: A series of occasional papers designed to allow the rapid dissemination of information resulting from the programs of the Archaeological Survey of Alberta, Alberta Culture.

File Size: 21

Source: Archaeological Survey of Alberta, Alberta Culture

Location: Occasional papers are available at:

Archaelogical Survey of Alberta
Alberta Culture
Old St. Stephens College
8820-112th Street
Edmonton, Alberta
T6G 2P8 (403) 427-2355

A publications list is available from the above address.

ARCTIC GAS BIOLOGICAL REPORT SERIES

Details: A series of consultant project reports presenting data based upon field and laboratory studies for the proposed Arctic gas pipeline route.

File Size: 5

Project Duration: 1973-1977

Source: Arctic Gas

Location: Reports may be viewed at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

BIG GAME REPORTS

Details: A collection of internal reports dealing with the management, survey and ecology of bighorn sheep, mountain goats, elk, caribou, whitetail and mule deer, antelope, moose and grizzly and black bears.

File Size: 650+.

Project Duration: 1949-

Frequency of Update: N/A

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Because of the nature of the information, access is resticted to government personnel on request or for viewing only by consultants, oil companies, etc. upon written request on company letterhead. Requests should be directed to:

Wildlife Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6750

BIOPHYSICAL RIVER VALLEY STUDIES

Details: Biophysical river valley studies have been conducted along the North Saskatchewan River in an attempt to obtain a biophysical data base. This data base will allow for systematic and comprehensive planning while considering the environmental capabilities of the river valley and associated ravines. Physical, biological, cultural and scenic resources are inventoried. Refer to "River Valley Resource Analysis" on page 259 for a more detailed inventory.

File Size: 2

Project Duration: 1980-

Frequency of Update: N/A

Source: City of Edmonton, Department of Parks and Recreation

Location: Executive summaries are available from:

Department of Parks and Recreation
City of Edmonton
9th Floor, CN Tower
10004-104th Avenue
Edmonton, Alberta
T5K 0K1 (403) 428-3559

Final reports may be viewed at the above location.

EDMONTON
CALGARY

CANADIAN WILDLIFE SERVICE MANUSCRIPTS

Details: A series of reports prepared on behalf of or by the Canadian Wildlife Service on various aspects of wildlife in Alberta.

Project Duration: 1970-

Source: Environment Canada, Canadian Wildlife Service

Location: Manuscripts are available on microfiche from:

Canadian Wildlife Service
Report Repository Library
Environment Canada
Ottawa, Ontario
K1A 0E7

Manuscripts may be viewed at:

Canadian Wildlife Service Library
Western and Northern Region
Environment Canada
10th Floor, 9942-108th Street
Edmonton, Alberta
T5K 2J5 (403) 420-2525

CANOE ALBERTA : A GUIDE TO ALBERTA'S RIVERS

Details: A series of six booklets (4th edition, 1978) outlining canoeing tours for various rivers in Alberta. Reach[33] reports indicate duration of tour, total distance, average gradient, classification, start, finish, access points, and maps required. A hydrograph for individual rivers is also provided. Reach reports have been prepared for the following rivers[34]:

1. Hay, Peace, and Slave River Systems
2. Athabasca River System
3. North Saskatchewan River System and the Alberta Headwaters of the Churchill River System
4. Red Deer River System
5. South Saskatchewan River System

File Size: 6

Project Duration: 1972-

Frequency of Update: Periodically

Source: Alberta Canoe Association in cooperation with Alberta Recreation and Parks

Location: The **Canoe Alberta** map gives information for paddling the rivers of Alberta. It has been designed to be used in conjunction with **Canoe Alberta: A Guide to Alberta's Rivers** (4th edition, 1978). The guide consists of six booklets and may be obtained as a complete set for $10.00 per set from:

Publication Services
11510-Kingsway Avenue
Edmonton, Alberta
T5G 2Y5 (403) 427-4952

Only general indications of paddling conditions can be provided at this map scale. More detailed information is presented in the reach reports in the guide.

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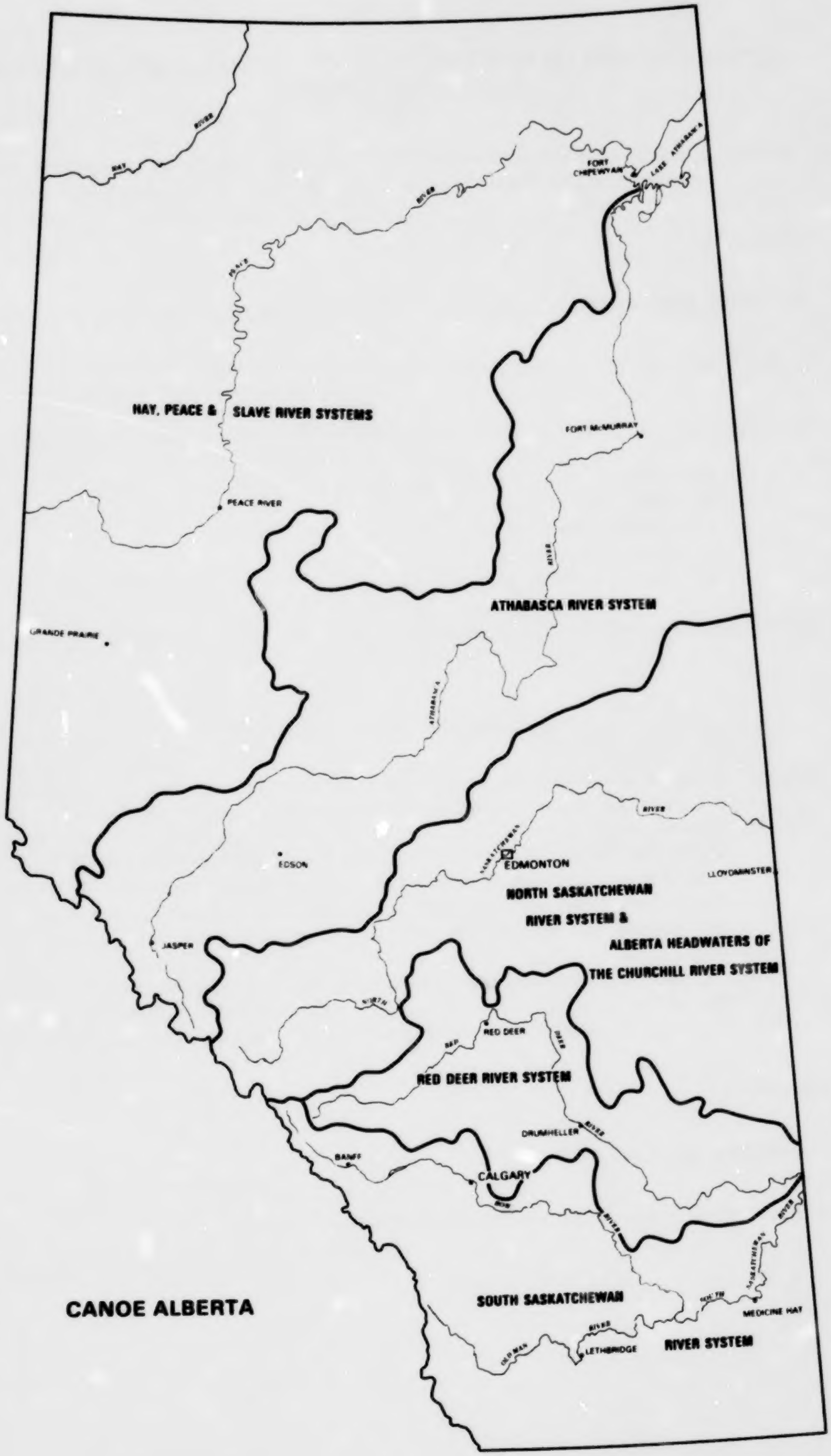
[33] **Reach** is a term used to indicate a part of a river between bends.

[34] Reports are currently out of print.


HAY RIVER
FORT CHIPEWYAN
LAKE ATHABASCA
PEACE RIVER
HAY, PEACE & SLAVE RIVER SYSTEMS
FORT McMURRAY
PEACE RIVER
RIVER
ATHABASCA RIVER SYSTEM
GRANDE PRAIRIE
ATHABASCA
RIVER
SASKATCHEWAN
EDMONTON
EDSON
LLOYDMINSTER
NORTH SASKATCHEWAN
RIVER SYSTEM &
ALBERTA HEADWATERS OF
THE CHURCHILL RIVER SYSTEM
JASPER
NORTH
RED DEER
RED
DEER
RED DEER RIVER SYSTEM
DRUMHELLER
RIVER
BANFF
CALGARY
BOW
RIVER
SOUTH SASKATCHEWAN
SOUTH
SASKATCHEWAN
RIVER
MEDICINE HAT
OLDMAN
RIVER
LETHBRIDGE
RIVER SYSTEM

CANOE ALBERTA

CONSERVATION OF HISTORICAL AND ARCHAEOLOGICAL RESOURCES IN ALBERTA

Details: A series of information bulletins, proceeding, reports and recommendations on the conservation of historical and archaeological resources in Alberta.

File Size: 6

Project Duration: 1972-

Source: Environment Council of Alberta

Location: Information bulletins, proceeding, reports and recommendations may be viewed at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 437-5811

A bibliography of available publications is available from the above address.

CONSERVATION UNIT GUIDES

Details: A series of manuscripts prepared as guides for the planning of multiple use wildland management of forest reserves. Guides are available for the following areas: Castle Conservation Unit C-3; Red Deer Conservation Unit B-7, 8, 9 and 10; Kananaskis-Highwood Conservation Unit B-2; Clearwater Conservation Unit R-9; Ram Conservation Unit R-8; Prairie Creek Conservation Unit R-7; Ghost Conservation Unit R-3, 4 and 5; Upper Saskatchewan Conservation Unit R-6; Lower Saskatchewan Conservation Unit R-5; Blackstone Conservation Unit R-3; and Nordegg-Baptiste Conservation Unit R-2.

Included with each guide are: watershed inventories, analysis of the physical characteristics of the unit, an outline of land-use zones, problems within the zones, sources of damage, and conditions to be obtained through responsible management practices.

File Size: 11

Project Duration: 1963-1971

Source: Eastern Rockies Forest Conservation Board

Location: Manuscripts may be viewed at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

ENVIRONMENTAL EFFECTS OF FORESTRY OPERATIONS IN ALBERTA

Details: A collection of information bulletins, reports and recommendations on the environmental effects of forestry operations in Alberta.

File Size: 11

Project Duration: 1977-1979

Source: Environment Council of Alberta

Location: Copies are available at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

ENVIRONMENTAL EFFECTS OF RESIDENTIAL DEVELOPMENT IN LEDUC/ INTERNATIONAL AIRPORT AREA

Details: A collection of information bulletins, reports and recommendations on the environmental effects of residential development in the Leduc/ International Airport Area.

File Size: 3

Project Duration: 1975

Source: Environmnent Council of Alberta

Location: Copies are available at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

EDMONTON
CALGARY

A bibliography of available publications is available from the above address.

ENVIRONMENTAL EFFECTS OF SULPHUR EXTRACTION GAS PLANTS IN ALBERTA

Details: A collection of information bulletins, proceedings, reports, and recommendations on the environmental effects of the operation of sulphur extraction gas plants in Alberta. Proceedings are available for Pincher Creek, Red Deer, Whitecourt, Calgary and Edmonton.

File Size: 6

Project Duration: 1972-1973

Source: Environment Council of Alberta

Location: Information bulletins, proceedings, reports, and recommendations may be viewed at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

ENVIRONMENTAL IMPACT ASSESSMENT AND INFORMATION DOCUMENTS

Details: A series of environmental impact assessments and information documents reviewed under the Alberta Environmental Impact Assessment System are available for viewing. Projects vary from intensive land use disturbances to impoundment, linear and extractive disturbances.

File Size: N/A

Project Duration: 1972-

Source: Varies with proponent

Location: For a listing of completed environmental impact assessments and information documents reviewed under the Alberta Environmental Impact Assessment System contact:

Environmental Impact Assessment Review Branch
Environmental Assessment Division
Alberta Environment
11th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6224

Documents are available for viewing at:

Alberta Environment Library
14th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

ENVIRONMENTAL IMPACT OF SURFACE MINING IN ALBERTA

Details: A series of information bulletins, proceedings, reports and recommendations on environmental impact of surface mining in Alberta.

File Size: 6

Project Duration: 1971-1972

Source: Environment Council of Alberta

Location: Information bulletins, proceedings, reports and recommendations may be viewed at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

ENVIRONMENTAL RESEARCH AND DEVELOPMENT REPORTS

Details: This series of reports, dealing with the terrestrial, aquatic, air and human components of the environment, are related to the Alberta Oil Sands Environmental Research Program (AOSERP) study area and to other areas of the province. Within each of the four components, one or more of the following topic areas may be covered:

1. Acid precipitation
2. Air quality
3. Bibliographies
4. Biological monitoring
5. Computer modelling
6. Ecosystem inventories
7. Energy systems
8. Environmental assessment
9. Environmental attitudes
10. Environmental contaminants
11. Environmental education
12. Environmental health
13. Groundwater
14. Ground deformation
15. Human biophysical relationships
16. Pollution effects on terrestrial and equatic ecosystems
17. Reclamation
18. Research management, policy and implementation
19. Social impact assessment
20. Surface water engineering
21. Waste management
22. Water quality

File Size: 293

Project Duration: 1975-

Frequency of Update: N/A

Source: Various, but contracted under the Research Management Division, Alberta Environment.

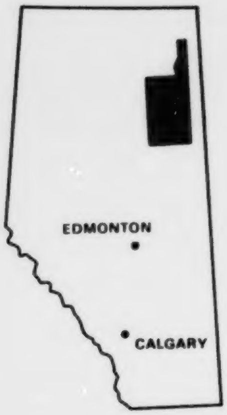
Location: Information may be viewed at:

Alberta Environment Library
14th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

or through the:

Publications Officer
Research Management Division
Alberta Environment
14th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-3946

A bibliography is available through the Publications Officer.



EROSION OF LAND IN NORTHWESTERN ALBERTA

Details: A collection of information bulletins, reports and recommendations on the erosion of land in the Swan Hills-Peace River region of northwestern Alberta.

File Size: 6

Project Duration: 1975-1976

Source: Environment Council of Alberta

Location: Copies are available at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

FLOOD CONTROL AND WATER MANAGEMENT IN THE PADDLE RIVER BASIN

Details: A series of information bulletins, proceedings, reports and recommendations on flood control and water management in the Paddle River Basin.

File Size: 5

Project Duration: 1974-1975

Source: Environment Council of Alberta

Location: Information bulletins, proceedings, reports and recommendations may be viewed at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

FLOOD PLAIN STUDIES

Details: For each numbered community below, a report has been compiled which documents historical flooding and hydrology and provides a detailed flood plain analysis.

(D - Deferred)
(M - Map Only)
(O - Outdated)
(P - Pending)
(U - Updated)

1. Cardston - Lee Creek
2. Westcastle River near Pincher Creek
3. Coleman, Blairmore, Frank - Crowsnest River
4. Pincher Creek - Pincher Creek
5. Lethbridge - Oldman River
6. Medicine Hat - South Saskatchewan (U)
7. High River - Highwood River
8. Okotoks - Sheep River (P)
9. Black Diamond/Turner Valley - Sheep River
10. Calgary - Elbow River (U)
11. Calgary - Nose Creek Basin (U)
12. Airdrie - Nose Creek
13. Bragg Creek - Elbow River
14. Banff - Bow River
15. Drumheller - Red Deer River (U)

16. Carbon - Kneehills Creek
17. Sundre - Red Deer River/ Bearberry Creek
18. Red Deer - Waskasoo Creek
19. Waskasoo Creek at Penhold
20. Ponoka - Battle River
21. Cadomin - McLeod River (M)
22. Vegreville - Vermilion River
23. Blackmud Creek near Edmonton (D)
24. Edmonton - North Saskatchewan (O,P)
25. St. Albert - Sturgeon River
26. Sangudo - Pembina River
27. Whitecourt - Athabasca River
28. Athabasca - Athabasca River
29. Slave Lake - Sawridge Creek
30. Peace River - Peace River (O)
31. Fort McMurray - Athabasca River (O)
32. Fort McMurray - Clearwater River (M)
33. Manning - Notikewin River
34. Fort Vermilion - Peace River (D)

File Size: 33

Project Duration: 1965-

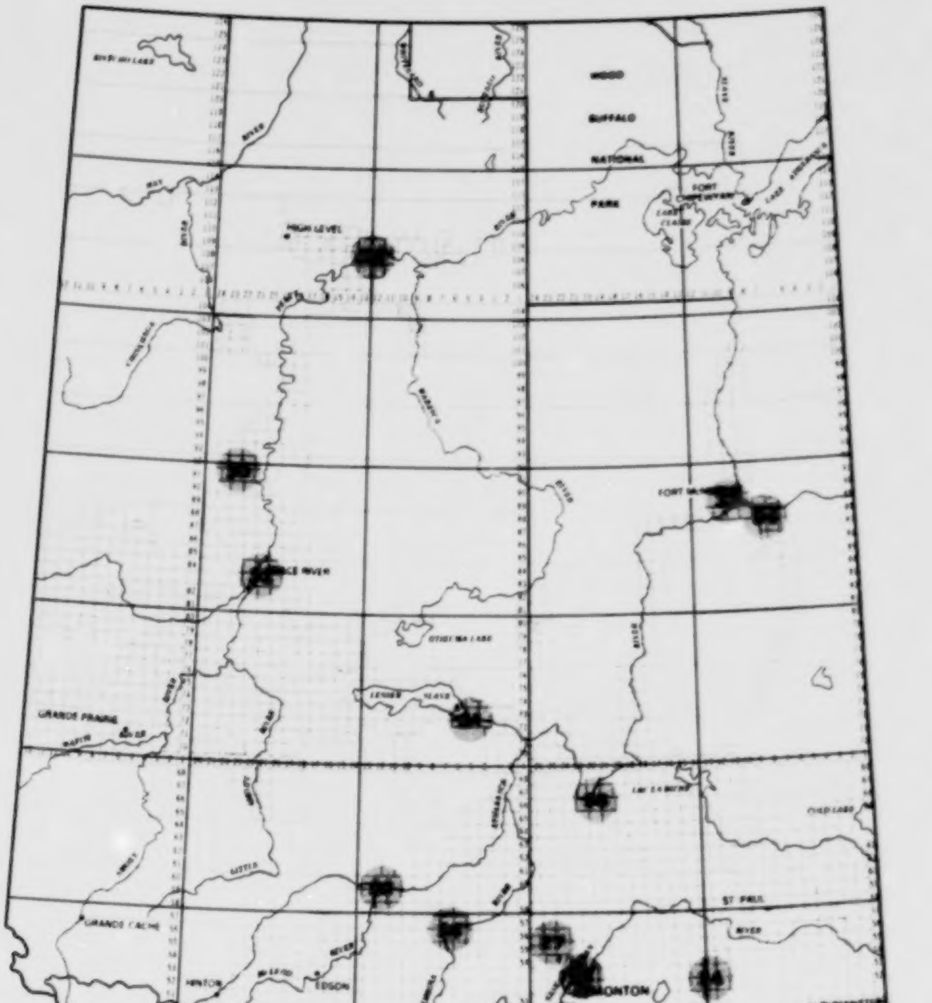
Source: Alberta Environment, Technical Services Division

Location: For information regarding which reports are available for viewing contact:

Technical Services Division
10th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

Information is available for determining the causes of ice jams and for predicting flooding potential from:

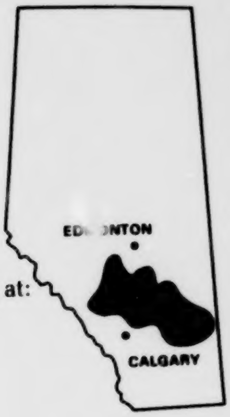
Transportation and Surface Water
Engineering Department
Alberta Research Council
4th Floor, Terrace Plaza
4445-Calgary Trail, South
Edmonton, Alberta
T6H 5R7 (403) 438-0777


WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
HIGH LEVEL
PEACE RIVER
GRANDE PRAIRIE
LESSER SLAVE
GRANDE CACHE
HINTON
EDSON
ST. PAUL
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
JASPER
JASPER NATIONAL
PARK
COLD LAKE
BANFF
NATIONAL
HANNA
RIVER

Alberta Environment
FLOOD PLAIN STUDIES

Numbers refer to descriptions in text

FLOW REGULATION OF THE RED DEER RIVER



Details: A series of information bulletins, reports and recommendations on the flow regulation of the Red Deer River.

File Size: 9

Project Duration: 1975-1977

Source: Environment Council of Alberta

Location: Information bulletins, reports and recommendations are available for viewing at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

GAME BIRD REPORTS

Details: A collection of internal reports dealing with the management, survey and ecology of Hungarian partridge, pheasant, Ruffed grouse, Spruce grouse, and all waterfowl.

File Size: 400 + .

Project Duration: 1946-

Frequency of Update: N/A

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Because of the nature of the information, access is resticted to government personnel on request or for viewing only by consultants, oil companies, etc. upon written request on company letterhead. Requests should be directed to:

Wildlife Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6750

GEOLOGICAL SURVEY OF CANADA PUBLICATIONS

Details: The Geological Survey of Canada publishes various documents related to the geology of Alberta. Aside from the various published GSC maps, the following report classifications have been made:[35]

1. A **Memoir** is a comprehensive report dealing with the geology of a specific area.
2. A **Bulletin** is a report on detailed scientific studies on any geological or related subject.
3. **Papers** range from the presentation of accumulated data to highly sophisticated and interpretive reports of progress.
4. **Miscellaneous Reports** cover a wide range of topics of particular interest to the general public.
5. **Open File Reports** are usually unedited reports and for maps which are placed in this category to allow the public access to them prior to their final publication as one of the other four categories or as a map.

File Size: The following totals reflect only the publications pertaining to Alberta.

Memoirs	34
Bulletins	42
Papers	157
Miscellaneous Reports	7
Open Files	Varies

Project Duration: 1845-

Source: Canada Department of Energy, Mines and Resources, Geological Survey of Canada

Location: Publications are available for viewing at:

Institute of Sedimentary and Petroleum Geology
Library
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0301

or purchased through the:

Publications and Air Photo Section
Institute of Petroleum and Sedimentary Geology
3303-33rd Street
Calgary, Alberta
T2L 2A7 (403) 284-0354

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[35] Many of the GSC publications are out of print; however, copies are available at the library for viewing only.

The following indexes are also available:

1. Index to publications of the Geological Survey of Canada (1845-1958) (cost $10.00)
2. Index to publications 1959-1974, Geological Survey of Canada (cost $3.50)
3. Index to publications 1975-1979, Geological Survey of Canada (cost $3.50)
4. Index to publications 1980, Geological Survey of Canada (Paper 81-3) (cost $4.00)
5. Index to publications 1981, Geological Survey of Canada (cost $2.00)
6. Index to publications 1982, Geological Survey of Canada (cost $2.00)
7. Index to reports and maps of general interest, 1983 (revised), Geological Survey of Canada. (Misc.G50)
8. Index to reports, Alberta, 1983 (revised), Geological Survey of Canada (Misc.G53)

Indexes are also available for Paleontology, the Yukon, Northwest Territories, British Columbia, Saskatchewan, Manitoba, Ontario, Quebec, and the Atlantic Provinces.

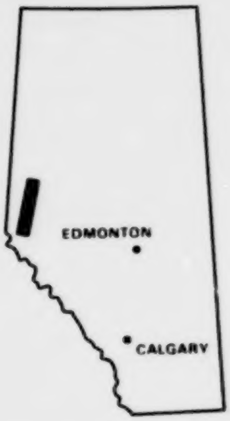
GRANDE PRAIRIE-GRANDE CACHE AREA ENVIRONMENTAL PLANNING STUDY SERIES

Details: A collection of reports providing background information for environmental planning of the Grande Prairie-Grande Cache areas.

File Size: 17

Project Duration: 1976-1978

Source: Alberta Transportation, Construction Division



Location: Reports are available for viewing at:

Alberta Transportation Library
1st Floor, Twin Atria Building
4999-98th Avenue
Edmonton, Alberta
T6B 2X3 (403) 427-8803

or

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

GROUNDWATER REPORTS AND BIBLIOGRAPHY

Details: Includes reports on groundwater evaluation for water supply, hydrogeological investigation and mapping, environmental impact assessment, soil drainage, groundwater contamination, and deep well disposal.

File Size: 3 800+.

Project Duration: 1967-

Frequency of Update: Twice yearly

Source: Earth Sciences Division, Alberta Environment

Location: Information is available from:

Earth Sciences Division
Alberta Environment
14th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6231

For additional information on groundwater resources of Alberta, contact:

Groundwater Resources Information Services
4th Floor, Energy Square
10109-106th Street
Edmonton, Alberta
T5J 1H3 (403) 427-4483 or (403) 427-4484

All reports are available on microfiche.

HABITAT DEVELOPMENT REPORT SERIES

Details: A series of habitat development reports for various water bodies in Alberta.

File Size: 13

Project Duration: 1974-1979

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Branch

Location: Copies of reports are available only for scientific or educational purposes. Reports may be viewed at:

Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6730

or

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

INTEGRATED RESOURCE PLANNING PROJECTS

Details: A series of integrated resource management planning projects in which the studies are either: (1) comprehensive regional land-use plans which will reflect Alberta natural resource policy; (2) integrated resource management plans for specific land areas based upon regional plans and department policies; or (3) integrated short-term plans for specific problem areas, usually relatively small in area.

File Size: 35

Project Duration: 1977-

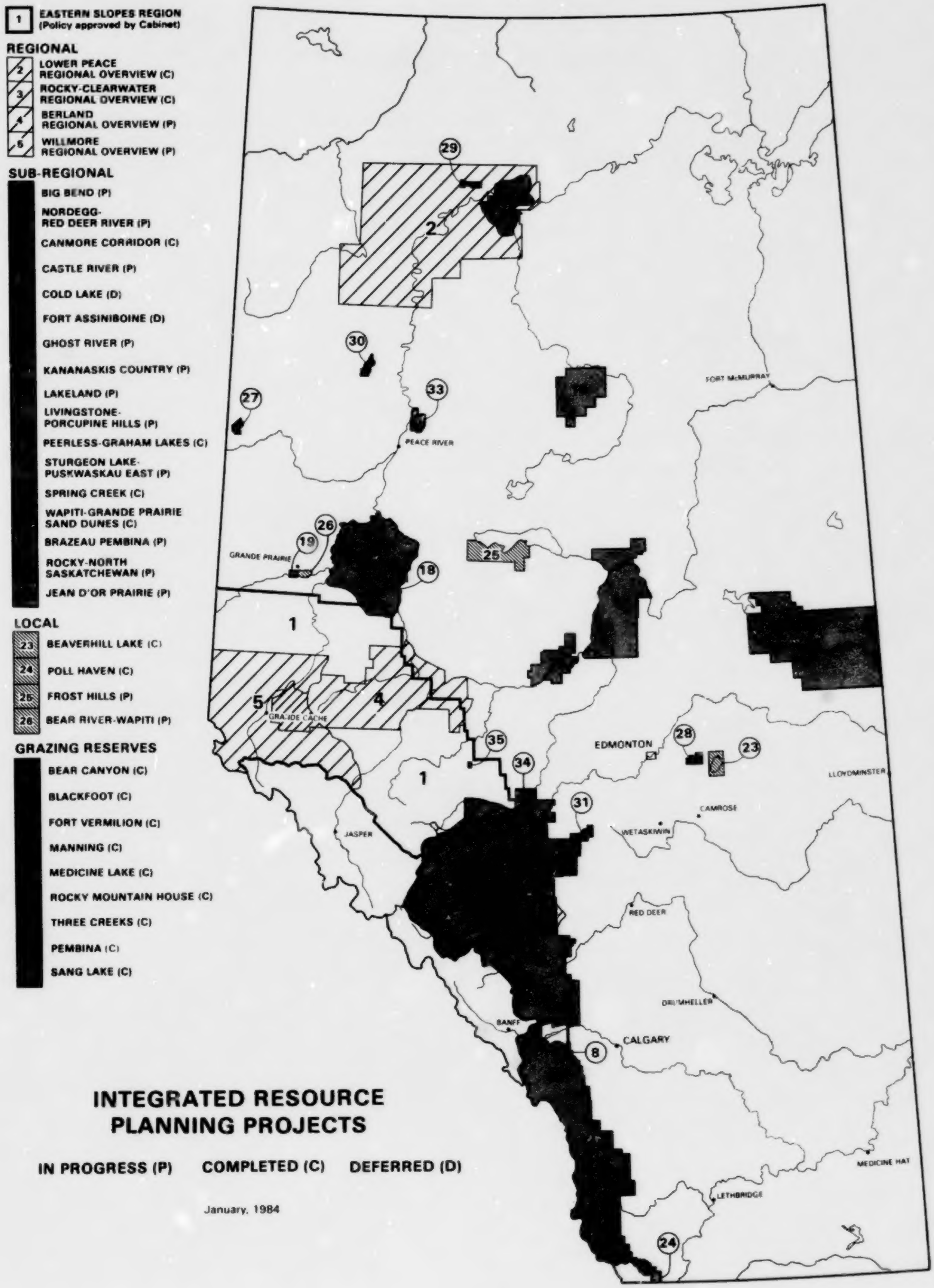
Source: Alberta Energy and Natural Resources, Resource Planning Branch

Location: Completed plans may be viewed at:

Alberta Energy and Natural Resources
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

Further information may be obtained from:

Resource Planning Branch
Alberta Energy and Natural Resources
5th Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G8 (403) 427-7413


1 EASTERN SLOPES REGION (Policy approved by Cabinet)
REGIONAL
2 LOWER PEACE REGIONAL OVERVIEW (C)
3 ROCKY-CLEARWATER REGIONAL OVERVIEW (C)
4 BERLAND REGIONAL OVERVIEW (P)
5 WILLMORE REGIONAL OVERVIEW (P)
SUB-REGIONAL
BIG BEND (P)
NORDEGG-RED DEER RIVER (P)
CANMORE CORRIDOR (C)
CASTLE RIVER (P)
COLD LAKE (D)
FORT ASSINIBOINE (D)
GHOST RIVER (P)
KANANASKIS COUNTRY (P)
LAKELAND (P)
LIVINGSTONE-PORCUPINE HILLS (P)
PEERLESS-GRAHAM LAKES (C)
STURGEON LAKE-PUSKWASKAU EAST (P)
SPRING CREEK (C)
WAPITI-GRANDE PRAIRIE SAND DUNES (C)
BRAZEAU PEMBINA (P)
ROCKY-NORTH SASKATCHEWAN (P)
JEAN D'OR PRAIRIE (P)
LOCAL
23 BEAVERHILL LAKE (C)
24 POLL HAVEN (C)
25 FROST HILLS (P)
26 BEAR RIVER-WAPITI (P)
GRAZING RESERVES
BEAR CANYON (C)
BLACKFOOT (C)
FORT VERMILION (C)
MANNING (C)
MEDICINE LAKE (C)
ROCKY MOUNTAIN HOUSE (C)
THREE CREEKS (C)
PEMBINA (C)
SANG LAKE (C)
29
2
30
27
33
PEACE RIVER
FORT McMURRAY
26
19
GRANDE PRAIRIE
25
18
1
5
4
GRANDE CACHE
35
34
EDMONTON
28
23
LLOYDMINSTER
1
31
CAMROSE
WETASKIWIN
JASPER
RED DEER
DRUMHELLER
BANFF
8
CALGARY
MEDICINE HAT
LETHBRIDGE
24

INTEGRATED RESOURCE PLANNING PROJECTS

IN PROGRESS (P) **COMPLETED (C)** **DEFERRED (D)**

January, 1984

LAKE PLANNING PROGRAM

Details: Lake planning programs have been undertaken by Alberta Municipal Affairs for each of the lakes below. Reports completed or under preparation include Cottage Owner Surveys, Management Studies (background technical reports), and Area Structure Plans (locally adopted lake management plans).

(A - Cottage Owner Survey)

(B - Management Study)

(C - Area Structure Plan)

1. Baptiste Lake (a, b, c)
2. Island Lake (a, b, c)
3. Skelton Lake (a, b, c)
4. Garner Lake (a, b, c)
5. Lac La Biche (a, b, c)
6. Moose Lake (a, b, c)
7. Muriel Lake (a, b, c)
8. Moore Lake (a)
9. Ethel Lake (b, c)
10. Marie Lake (a)
11. Chicken Hill Lake (a, b, c)

File Size: 11

Project Duration: 1976-

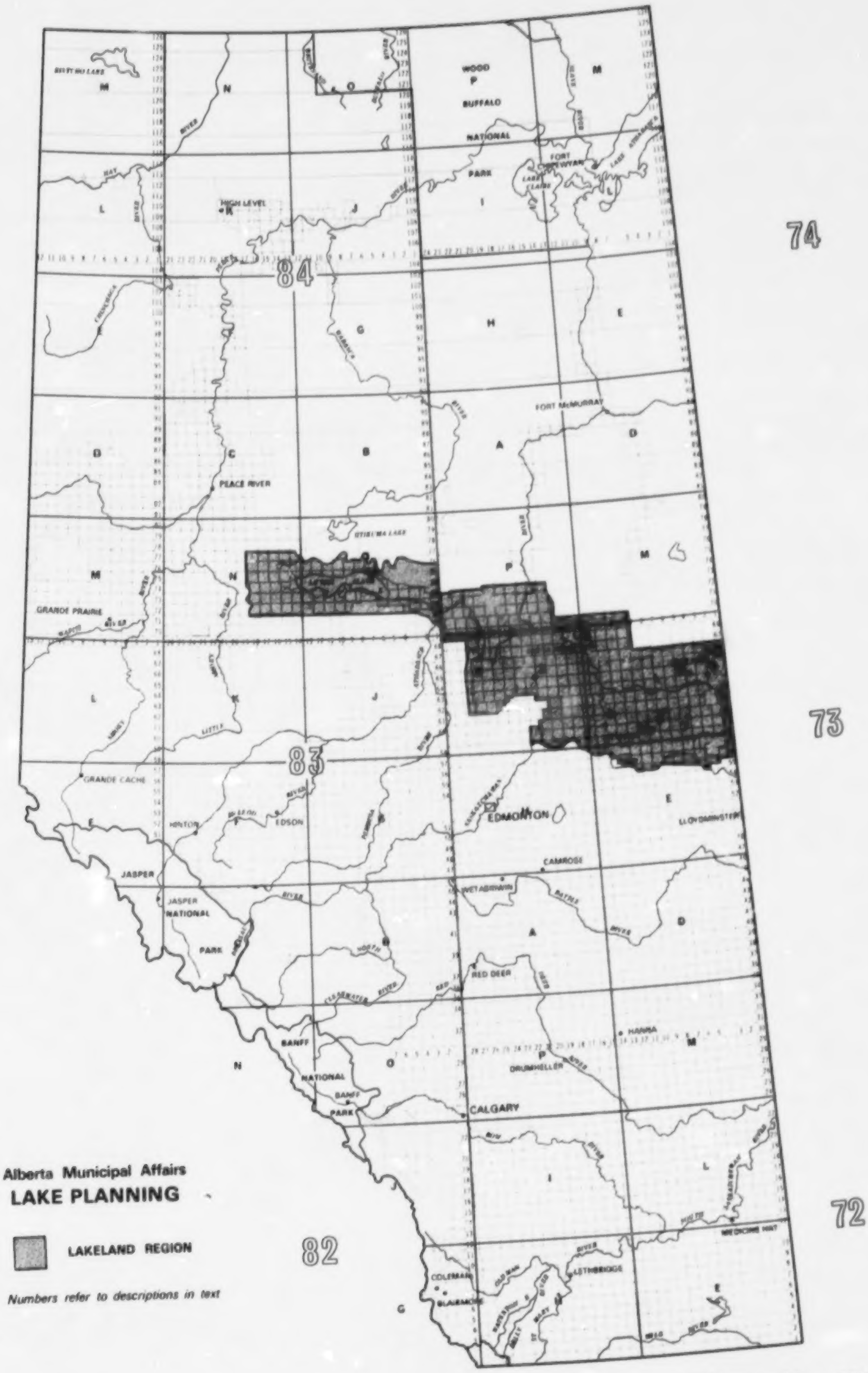
Source: Alberta Municipal Affairs, Regional Planning Section

Location: Published reports are available at:

Duplication Centre
Alberta Municipal Affairs
8th Floor, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-2241

For additional information contact:

Regional Planning Section
Alberta Municipal Affairs
7th Floor, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-2995


74
73
72
84
83
82
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE ATHABASCA
LAKE CLAIRE
HIGH LEVEL
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
GRANDE PRAIRIE
GRANDE CACHE
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
BANFF NATIONAL PARK
BANFF
CALGARY
MEDICINE HAT
LETHBRIDGE
COLEMAN
BLAIRMORE
Alberta Municipal Affairs
LAKE PLANNING
LAKELAND REGION
Numbers refer to descriptions in text

LAND CONSERVATION AND RECLAMATION

Details: This series of reports, dealing with land conservation and reclamation in Alberta, covers a wide variety of topics, including:

1. Organic compounds
2. Salination
3. Coal mining sites
4. Groundwater
5. Forest soil reconstruction
6. Flora suitable for reclamation
7. Reclamation activities
8. Coal ash
9. Bibliographies
10. Baseline studies
11. Oil sand tailings
12. Pipeline reclamation practices on agricultural land

File Size: 12 reports

Project Duration: 1980-

Source: Scientific and Engineering Services and Research Division, Alberta Energy and Natural Resources

Location: Reports are available for viewing at:

Library
Alberta Energy and Natural Resources
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

Further information is available from:

Reclamation Research Coordinator
Scientific and Engineering Services and Research Division
Alberta Energy and Natural Resources
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-8042

LAND USE AND RESOURCE DEVELOPMENT IN THE EASTERN SLOPES

Details: A collection of information bulletins, interim reports, reports and recommendations on land-use and resource development for the following watersheds in the Eastern Slopes region of Alberta: Oldman River Drainage Basin, Bow River Watershed Basin, North Saskatchewan and Red Deer River Basins, Smoky River Drainage Basin, and the Athabasca-Yellowhead area.

File Size: 25

Project Duration: 1973-1974

Source: Environment Council of Alberta

Location: Copies are available for viewing at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

EDMONTON
CALGARY

MAINTAINING AND EXPANDING THE AGRICULTURAL LAND BASE IN ALBERTA

Details: This series of reports and summaries, pertaining to agriculturally related activities in Alberta, deals with the following topics:

1. Agricultural research
2. Agriculture/environment interaction
3. Dryland salinity
4. Ecology of agriculture
5. Economics
6. Environmental legislation
7. Factors affecting summerfallow
8. Fisheries and wildlife resources
9. Future for agriculture land
10. Greenhouse production
11. Industrial impacts
12. Irrigation
12. Irrigation
13. Land availability
14. Land productivity
15. Land protection
16. Land-Use
17. Linear development impacts
18. Planning legislation/practices
19. Protecting agricultural land
20. Public land management
21. Recreation
22. Resource extraction impacts
23. Soil fertility
24. Urbanization

File Size: 31

Project Duration: 1981-

Source: Environment Council of Alberta

Location: Copies are available at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555 Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE IN ALBERTA

Details: A collection of information bulletins and related information on the management and disposal of hazardous waste in Alberta.

File Size: 4

Project Duration: 1980

Source: Environment Council of Alberta

Location: Copies are available at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

MANAGEMENT OF WATER RESOURCES WITHIN THE OLDMAN RIVER BASIN

Details: A series of information bulletins, reports and recommendations on water resource management within the Oldman River Basin.

File Size: 2

Project Duration: 1978-1979

Source: Environment Council of Alberta

Location: Copies are available at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

EDMONTON
CALGARY

A bibliography of available publications is available from the above address.

MANAGEMENT REPORT SERIES (FISH)

Details: Fish management practices which are employed in various water bodies in Alberta are discussed in this series of research reports.

File Size: 27

Project Duration: 1967-

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Branch

Location: Copies of reports are available only for scientific or educational purposes. Reports may be viewed at:

Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9820-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-8580

or

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

METEOROLOGICAL ANALYSIS REPORTS

Details: Meteorological analyses are available for the following airports in Alberta: Calgary International, Edmonton International, Edmonton Industrial, Fort McMurray, Fort Chipewyan, Lethbridge, Grande Prairie, Red Deer Industrial, Medicine Hat, High Level, Lloydminster, Peace River, and Vermilion airports.

File Size: 13

Project Duration: 1970-

Source: Transport Canada, Civil Aviation Branch

Location: Reports are available for viewing at:

Transport Canada Library
10th Floor, Federal Public Building
9820-107th Street
Edmonton, Alberta
T5K 1G3 (403) 420-3801

MISCELLANEOUS SPECIES REPORTS

Details: A collection of internal reports dealing with the management, survey and ecology of non-game animals and birds in Alberta. These include bison, wolf, fox, river otter, raccoon, beaver, muskrat, mink, skunk, squirrel, snowshoe hare, peregrine falcon, whooping crane, etc.

File Size: 252 +.

Project Duration: 1950-

Frequency of Update: N/A.

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Because of the nature of this information, access is restricted to government personnel on request or for viewing only by consultants, oil companies, etc. upon written request on company letterhead. Requests should be directed to:

Wildlife Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6750

MISCELLANEOUS STREAMFLOW DATA

Details: Over the years Alberta Environment has carried out many streamflow measurements which have been related to specific projects. As these data were not of a continuous nature, they were never published. To make this information available, an annual publication, entitled **Alberta Environment - Miscellaneous Streamflow Data,** was undertaken in 1982 for 1980 data. All miscellaneous data, including that collected through the crest gauge program, will be included in this annual publication. Hydrometric data collected by the department will continue to be published through Environment Canada.

File Size: 90 sites

Project Duration: 1980-

Frequency of Update: Annually

Source: Survey Branch, Alberta Environment

Location: Information is available through:

Reference Centre
Technical Services Division
Alberta Environment
11th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

NOTE: Alberta Environment intends to publish data for years previous to 1980, but no schedule has yet been arranged.

MUNICIPAL PLANNING INFORMATION

Details: Municipal planning information has been divided into 15 general categories in order to present an overview of the diversity of information available for an individual municipality. A general list of information types for the 14 regional and municipal planning commissions and their current address, has also been included. This information is being continually updated but is, however, far from complete.

For the benefit of the user, the following distinctions have been made for the information categories presented on the planning information tables.

1. General Reports/Plans

The following three categories, dealing with planning studies and reports, cover a wide range of topics as they are usually municipally or regionally adopted plans. They may include all or some of the remaining 13 information categories, in which case they are indicated under the appropriate categories.

a. General Municipal Plans

A council of a city, new town, village, or summer village having a population of 1 000 or more, and a county or municipal district having a population of 10 000 or more, shall adopt a plan for the municipality. Municipalities to which the above does not apply may adopt a plan for the municipality.

A general municipal plan shall describe the land uses proposed for future development in the municipality. It shall also designate the areas of the municipality that would, in the opinion of the council, be suitable for an area structure plan or an area redevelopment plan.

b. Area Structure Plan

An area structure plan shall conform to any general municipal plan in existence and affecting the area that is the subject of the area structure plan.

An area structure plan shall describe the sequence of the development proposed, the land uses proposed for the density of the population proposed for the area, and the general location of major transportation routes and public utilities.

c. Planning Studies

Planning studies are often preliminary studies to a general municipal or area structure plan and, in some instances, planning studies are adopted by council. Planning studies indicate the present state and activities in a municipality. Planning studies usually cover a diversity of topics (one or more of the 13 following categories).

2. Specific Reports/Plans

The following planning information categories are included so that specific topics, where a study has been undertaken and a report generated, but not incorporated into a general plan, may be indicated.

a. **Environmental/Engineering Studies**

These studies refer to those dealing with pollution control, sewage treatment, or any area where construction or resource use may have environmental impact where an engineering study has been conducted to identify and address environmental problems.

b. **Transportation**

Transportation refers to recent, or currently valid, reports by either the municipality or consulting engineers which deal with current and/or projected transportation needs, routes, alternatives, etc.

c. **Recreation/Open Space**

Recreation refers to recent 'Recreation Master Plans' prepared for groups of municipalities or to an individual plan for a specific municipality.

d. **Water Supply/Use**

Water supply/use refers to recent, or currently valid, reports pertaining to water demand, supply, utilization, etc., prepared either by the municipality or consulting engineers.

e. **Lakes, Rivers**

This category refers to plans which have dealt specifically with municipal lake/river resource utilization, hydrology, flooding, etc.

f. **Growth**

This category refers to studies which dealt with current and/or projected growth patterns and needs for the urban, industrial and/or commercial sectors.

g. **Economic Base**

This category refers to those studies which have identified the components of the municipal and/or regional economic base.

h. **Airports**

These studies deal with the current and/or projected demand, expansion and the environmental and/or social impact of airports.

i. **Land-Use/Capability**

These refer to reports or studies undertaken to determine land capability and to designate land-use for various social, economic, industrial and/or environmental purposes.

j. Resources

This refers to studies which have dealt specifically with the natural resource base (mineral or biotic) of the area and their current utilization or conservation.

k. Urban Redevelopment

Studies which have dealt with redevelopment of the central business district and urban core are included under this category.

l. Municipal Utilities

This category refers to those studies, conducted by engineers, which have dealt with municipal utilities (servers, water mains, hydro, telephone, etc.) on a municipal scale.

m. Land Use By-laws

This category refers to the existence of land-use restrictions enforced either by regional and/or municipal by-laws.

File Size: 225 municipalities[36]

45 counties, municipal and improvement districts

14 regional/municipal planning commissions

Source: Varies

Location: Most **General Municipal Plans**, listed on the following pages, are available from:

Alberta Municipal Affairs Library
9th Floor, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4829

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[36] A list of **Alberta Municipalities, Urban and Rural, including the Chief Officials of all Cities, Towns, Villages, Counties, and Municipal Districts** has been prepared by the Municipal Services Branch, Alberta Municipal Affairs, 1984. This list is available from: Duplication and Stock Advance, Central Services Branch, Alberta Municpal Affairs, 8th Floor, Jarvis Building, 9925-107th Street, Edmonton, Alberta T5K 2H9 (403) 427-2241.

Note: Information concerning other reports should be obtained from the individual municipality or planning commission.

The abbreviations listed below are used on the following tables.

C	City
Co	County
H	Hamlet
ID	Improvement District
MD	Municipal District
S.V.	Summer Village
T	Town
V	Village
AMA	Alberta Municipal Affairs
BRRPC	Battle River Regional Planning Commission
CRPC	Calgary Regional Planning Commission
CPMPC	County of Parkland Municipal Planning Commission
EMPC	Edmonton Municipal Planning Commission
EMRPC	Edmonton Metropolitan Regional Planning Commission
LMPC	Lethbridge Municipal Planning Commission
MRPC	MacKenzie Regional Planning Commission
ORRPC	Oldman River Regional Planning Commission
SAMPC	St. Albert Municipal Planning Commission
SARPC	Southeast Alberta Regional Planning Commission
SPRPC	South Peace Regional Planning Commission
VRPC	Yellowhead Regional Planning Commission

INFORMATION TYPES

Municipalities	Planning Commission	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment - Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/ Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Acme	PRPC	V		X	X													
Airdrie	CRPC	T	X		X	X	X	X	X	X	X						X	X
Alberta Beach	YRPC	S.V.	X		X									X				
Alix	RDRPC	V		X	X												X	X
Athabasca	AMA	T	X	X	X		X			X								
Barnwell	ORRPC	V			X				X		X						X	
Barons	ORRPC	V						X			X							
Barrhead	YRPC	T	X	X	X									X				
Bashaw	BRRPC	T		X								X						
Beaumont	EMRPC	T		X	X													
Beaverlodge	SPRPC	T	X	X	X							X						
Beiseker	CRPC	V	X	X	X		X	X									X	X
Bently	RDRPC	V		X				X									X	X
Berwyn	SPRPC	V		X	X						X							
Betula Beach	YRPC	S.V.			X									X				
Black Diamond	CRPC	T		X	X		X	X	X						X		X	X
Blackie	CRPC	V		X														X
Blackfalds	RDRPC	T		X	X												X	X
Bluesky	SPRPC	H			X									X				
Bon Accord	EMRPC	T		X														
Bonnyville	AMA	T	X	X	X											X		
Botha	RDRPC	V			X						X							
Bowden	RDRPC	T	X	X				X									X	X
Bragg Creek	CRPC	H			X		X		X									X
Breton	BRRPC	V	X															
Brooks	SARPC	T	X	X	X			X						X				
Bruderheim	AMA	T		X														
Calgary	CMPC	C	X	X	X	X	X	X		X	X		X	X		X	X	X
Calmar	EMRPC	T		X	X													
Camrose	BRRPC	C		X	X													
Canmore	CRPC	T	X	X	X	X	X	X	X	X			X	X	X	X	X	X
Cardston	ORRPC	T				X		X	X									
Carseland	CRPC	H			X						X							X
Carstairs	RDRPC	T		X				X									X	X
Castle Island	YRPC	S.V.																
Castor	RDRPC	T		X	X			X										X
Cayley	CRPC	V		X	X													X
Cereal	PRPC	V	X														X	
Chestermere Lake	CRPC	S.V.	X	X		X		X	X								X	X
Clairmont	SPRPC	H		X	X													
Claresholm	ORRPC	T		X	X		X		X		X							
Clive	RDRPC	V																
Cluny	CRPC	V			X				X								X	X
Coaldale	ORRPC	T		X	X	X		X	X									
Coalhurst	ORRPC	V			X						X							
Cochrane	CRPC	T	X	X	X		X	X	X	X	X	X				X	X	X
Cold Lake	AMA	T		X	X		X	X	X	X	X				X	X		
Coleman	ORRPC	T	X	X	X				X		X					X		
Consort	PRPC	V												X			X	
Coronation	RDRPC	T			X													X
Coutts	ORRPC	V	X	X	X				X									
Cowley	ORRPC	V	X	X	X				X									
Cremona	RDRPC	V			X													X
Crossfield	CRPC	T		X	X	X	X	X	X						X		X	X
Crowsnest Pass	ORRPC	-			X	X		X	X	X	X					X	X	
Daysland	BRRPC	T										X						
Delburne	RDRPC	V		X		X		X		X								X
Delia	PRPC	V												X			X	
Devon	EMRPC	T	X	X	X			X										
Didsbury	RDRPC	T		X	X												X	X
Donalda	RDRPC	V									X							
Drayton Valley	YRPC	T	X	X	X									X				
Drumheller	PRPC	C	X	X	X			X			X		X	X		X	X	
Eaglesham	SPRPC	V		X	X				X					X				
Edmonton	EMPC	C	X	X	X	X	X	X			X	X		X	X	X	X	X
Edmonton Beach	YRPC	S.V.		X										X				
Edson	YRPC	T	X	X	X						X			X				
Elnora	RDRPC	V			X													X
Empress	PRPC	V															X	
Entwistle	YRPC	V		X	X									X				
Evansburg	YRPC	V			X									X				
Fairview	MRPC	T	X	X	X			X	X			X	X					
Falher	SPRPC	T	X	X	X													

INFORMATION TYPES

Municipalities	Planning Commission	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment - Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/ Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Forestburg	BRRPC	V		X							X							
Fort Assiniboine	YRPC	V		X	X									X				
Fort Chipewyan	AMA	H		X		X	X			X								
Fort MacLeod	ORRPC	T		X	X				X									
Fort McKay	AMA	H		X				X	X									
Fort McMurray	AMA	C	X	X	X	X	X		X	X			X	X	X	X	X	X
Fort Saskatchewan	EMRPC	T	X	X	X						X							
Fox Creek	YRPC	T			X									X				
Gadsby	RDRPC	V			X						X							
Gibbons	EMRPC	T	X	X	X													
Gleichen	CRPC	T		X	X				X								X	X
Grand Centre	AMA	T		X	X													
Grande Cache	YRPC	T		X	X			X						X	X			
Grande Prairie	SPRPC	C	X	X	X		X	X			X	X					X	
Granum	ORRPC	T						X	X									
Grassy Lake	ORRPC	V							X								X	
Grimshaw	MRPC	T		X	X													
Grovedale	SPRPC	-			X									X				
Gull Lake	RDRPC	S.V.							X									X
Half Moon Bay	RDRPC	S.V.																X
Hanna	PRPC	T		X	X			X	X	X	X		X	X			X	
Hardisty	AMA	T									X	X						
High Level	MRPC	T	X	X	X				X									
High Prairie	SPRPC	T		X	X													
High River	CRPC	T	X	X	X		X	X	X	X				X		X	X	X
Hines Creek	MRPC	V		X	X													
Hinton	YRPC	T	X	X	X	X	X	X			X		X	X			X	
Hussar	CRPC	V		X	X													
Hythe	SPRPC	V		X				X	X			X		X				
Innisfail	RDRPC	T	X	X	X		X											X
Irma	AMA	V		X	X													
Irricana	CRPC	V		X	X					X							X	X
Kapasawin	YRPC	S.V.																
Killam	BRRPC	T		X	X							X						
Kinuso	AMA	V			X													
Lac La Biche	AMA	T			X													
Lacombe	RDRPC	T		X	X		X	X									X	X
Lamont	AMA	T		X	X													
Lakeview	YRPC	S.V.																
Leduc	EMRPC	T	X	X	X		X			X	X		X			X	X	
Legal	EMRPC	V		X	X													
Lethbridge	LMPC	C	X	X	X	X	X	X			X	X		X		X	X	X
Linden	PRPC	V		X	X													
Little Smoky	SPRPC	H			X									X				
Lloydminster	AMA	C		X	X				X	X							X	
Longview	CRPC	V			X			X										X
Magrath	ORRPC	T	X		X			X	X									
Manning	MRPC	T	X		X													
Mayerthorpe	YRPC	T	X	X	X									X				
Medicine Hat	SARPC	C		X	X		X	X	X					X		X		
Milk River	ORRPC	T	X	X	X				X					X			X	
Millet	BRRPC	V		X	X													
Mirror	RDRPC	V		X	X			X										X
Morinville	EMRPC	T	X	X														
Morrin	PRPC	V												X			X	
Mundare	AMA	T		X														
Munson	PRPC	V												X			X	
Nakamum Park	YRPC	S.V.								X				X				
Nampa	MRPC	V	X															
Nanton	ORRPC	T		X	X			X	X		X							
Nisku	EMRPC	H	X	X														
Nobleford	ORRPC	V		X	X		X		X		X							
Okotoks	CRPC	T	X	X	X	X		X	X	X	X			X			X	X
Olds	RDRPC	T		X	X			X									X	X
Onoway	YRPC	V	X		X						X			X				
Oven	PRPC	T		X	X						X			X			X	
Peace River	MRPC	T	X	X	X	X	X						X					
Penhold	RDRPC	T		X	X			X									X	X
Peoria	SPRPC	H			X									X				
Picture Butte	ORRPC	T	X	X	X						X			X				
Pincher Creek	ORRPC	T		X	X		X											
Point Alison	YRPC	S.V.																
Ponoka	BRRPC	T		X								X						

INFORMATION TYPES

Municipalities	Planning Commission	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment - Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/ Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Rainbow Lake	MRPC	T			X									X				
Raymond	ORRPC	T		X	X				X									
Redcliff	SARPC	T	X	X		X				X								
Red Deer	RDRPC	C	X	X	X	X	X	X	X	X	X		X	X	X	X	X	
Redwater	EMRPC	T		X	X													
Ridge Valley	SPRPC	-												X				
Rimbey	BRRPC	T		X								X						
Rochon Sands	RDRPC	S.V.																X
Rocky Mtn. House	RDRPC	T	X	X		X	X	X			X							
Rockyford	CRPC	V			X												X	X
Ross Haven	YRPC	S.V.								X								
Rumsey	PRPC	V															X	
Rycroft	SPRPC	V		X	X													
St. Albert	SAMPC	C	X	X	X	X	X	X	X	X	X	X		X		X	X	X
St. Paul	AMA	T		X	X													
Sandy Beach	YRPC	S.V.								X								
Sangudo	YRPC	V			X									X				
Sedgewick	BRRPC	T		X								X						
Seba Beach	YRPC	S.V.			X									X				
Sexsmith	SPRPC	T	X	X	X													
Sherwood Park	EMRPC	H	X	X	X			X										
Silver Sands	YRPC	S.V.			X					X								
Slave Lake	AMA	T		X	X			X			X			X				
South View	YRPC	S.V.								X								
Smoky Lake	AMA	T		X	X					X							X	
Spirt River	SPRPC	T		X	X								X					
Spruce Grove	EMRPC	T	X	X	X			X						X			X	
Standard	CRPC	V			X	X												X
Standoff	ORRPC	H	X	X	X	X		X	X			X			X			
Stavely	ORRPC	T		X				X	X								X	
Stettler	RDRPC	T	X	X	X		X	X		X							X	X
Stirling	ORRPC	V																
Stony Plain	EMRPC	T	X	X	X		X						X					
Strathcona	EMRPC	-		X	X		X	X	X									
Strathmore	CRPC	T	X	X	X	X	X	X	X					X			X	X
Sundre	RDRPC	T		X				X		X						X	X	
Sunset Point	YRPC	S.V.								X								
Swan Hills	YRPC	T			X							X						
Sylvan Lake	RDRPC	T	X	X	X		X	X		X						X	X	X
Taber	ORRPC	T	X	X	X		X	X	X		X							
Tangent	SPRPC	H												X				
Three Hills	PRPC	T	X	X	X													
Tofield	AMA	T	X	X	X									X				
Torrington	PRPC	V	X		X			X										
Trochu	PRPC	T	X	X	X													
Turner Valley	CRPC	T	X	X	X		X	X	X	X							X	X
Two Hills	AMA	T		X				X						X			X	
Valleyview	SPRPC	T		X	X							X						
Val Quentin	YRPC	S.V.			X					X				X				
Vauxhall	ORRPC	T			X			X	X								X	
Vegreville	AMA	T		X	X													
Vermilion	AMA	T		X	X													
Veteran	PRPC	V												X			X	
Viking	AMA	T		X									X	X				
Vulcan	ORRPC	T		X	X			X	X									
Wabamum	YRPC	V			X									X				
Wainwright	AMA	T		X	X													
Wanham	SPRPC	V		X	X				X		X			X				
Warner	ORRPC	V			X			X										
Watino	SPRPC	H			X									X				
Wembley	SPRPC	T		X	X													
West Cove	YRPC	S.V.			X					X				X				
Westlock	AMA	T		X	X		X											
Wetaskiwin	BRRPC	C		X														
Whitecourt	YRPC	T	X		X									X				
Wildwood	YRPC	V			X									X				
Woking	SPRPC	H			X									X				
Worsley	MRPC	V			X	X			X					X			X	
Yellowstone	YRPC	S.V.			X									X				
Youngstown	PRPC	V															X	

INFORMATION TYPES

County/Municipal and Improvement Districts	Planning Commission	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment - Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/ Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Athabasca No.12	AMA	Co																X
Barrhead		Co		X										X				
Bonnyville No.87	AMA	MD																X
Cardston No.6	ORRPC	MD				X		X										
Beaver No.9	AMA	Co																X
Foothills No.31	CRPC	MD	X	X														
I.D. No.8	CRPC	ID	X	X	X	X	X	X	X	X	X			X	X		X	
I.D. No.10	RDRPC	ID		X	X	X		X	X	X					X			
I.D. No.14	YRPC	ID			X									X				
I.D. No.15	YRPC	ID			X									X				
I.D. No.16	AMA	ID			X									X				
I.D. No.17 (east)	AMA	ID			X									X				X
I.D. No.18 (north)	AMA	ID																X
I.D. No.18 (south)	AMA	ID																X
I.D. No.20	SPRPC	ID		X														X
I.D. No.21	SPRPC	ID		X														X
Lacombe No.14	RDRPC	Co		X	X			X		X			X					
Lac Ste. Anne		Co			X					X				X				
Lamont No.30	AMA	Co																X
Leduc	EMRPC	Co																
Lethbridge No.26	ORRPC	Co	X		X			X										
Minburn No.27	AMA	Co																X
Mountain View No.17	RDRPC	Co	X	X	X	X		X		X	X	X		X				
Paintearth No. 18	RDRPC	Co			X		X	X										
Parkland	YRPC	Co		X	X					X				X				
Pincher Creek No.9	ORRPC	MD			X			X										
Provost No.52	AMA	MD																X
Red Deer No.23	RDRPC	Co	X	X	X	X	X	X	X	X	X	X		X	X		X	
Rockyview No.44	CRPC	MD	X	X	X		X	X	X	X	X		X					
Smoky Lake No.13	AMA	Co																X
Smoky River No.130	SPRPC	MD		X														X
Spirit River No.133	SPRPC	MD		X														X
St. Paul No.19	AMA	Co																X
Stettler No.6	RDRPC	Co	X		X	X	X	X	X	X	X	X	X	X	X		X	
Sturgeon	EMRPC	MD	X	X						X								
Taber No.14	ORRPC	MD						X										
Thorhild No.7	AMA	Co																X
Two Hills No.21	AMA	Co																X
Vermilion River No.24	AMA	Co																X
Vulcan No.2	ORRPC	Co			X			X		X							X	
Wainwright No.61	AMA	MD																X
Warner No.5	ORRPC	Co						X									X	
Westlock No.82	AMA	MD																X
Wheatland No.16	CRPC	MD	X	X										X	X			
Willow Creek No.26	ORRPC	MD						X										

INFORMATION TYPES

Municipal and Regional Planning Commissions	Area Structure/ Development	General Plans	Planning Studies	Environment - Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/ Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
BRRPC	X	X	X	X	X	X		X	X			X	X			
CMPC	X	X	X	X	X	X		X	X		X	X		X	X	X
CRPC	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
CPMPC	X	X	X	X	X	X	X	X	X		X	X	X		X	
EMPC	X	X	X	X	X	X			X	X		X	X	X	X	X
EMRPC	X	X	X	X	X	X		X	X		X	X	X	X	X	X
LMPC	X	X	X	X	X	X			X	X		X		X	X	X
MRPC	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
ORRPC	X	X	X	X	X	X		X	X			X	X		X	
PRPC	X	X	X				X					X				
RDRPC	X	X	X	X	X	X	X	X			X	X	X	X	X	X
SAMPC	X	X	X	X	X	X	X	X	X	X		X		X	X	X
SARPC	X	X	X	X			X	X				X			X	
SPRPC	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
YRPC	X	X	X					X			X	X	X			

AMA Alberta Municipal Affairs
Jarvis Building
9925-107th Street
Edmonton, Alberta
T5T 2H9
Information Line (403) 427-2732

BRRPC Battle River Regional Planning
Commission
5014-48th Avenue
Wetaskiwin, Alberta
T9A 0M9 (403) 352-2215

CMPC Calgary Municipal Planning
Commission
615-Macleod Trail, S.E.
Calgary, Alberta
T2P 2M5 (403) 268-5311

CRPC Calgary Regional Planning
Commission
4303-11th Street, S.E.
Calgary, Alberta
T2G 4X1 (403) 287-2472

CPMPC County of Parkland Municipal
Planning Commission
Stony Plain, Alberta
T0E 2G0 (403) 963-5354

EMPC Edmonton Municipal Planning
Commission
12th Floor,
Phipps McKinnon Bldg.
10020-101A Avenue
Edmonton, Alberta
T5J 0P6 (403) 428-2661

EMRPC Edmonton Metropolitan Regional
Planning Commission
Room 602, Baker Centre
10025-106th Street
Edmonton, Alberta
T5J 0P6 (403) 423-5701

LMPC Lethbridge Municipal Planning
Commission
Planning and Development
Department, City Hall
910-4th Avenue, S.
Lethbridge, Alberta
T1J 0P6 (403) 329-3921

MRPC MacKenzie Regional Planning
Commission
Box 450
Berwyn, Alberta
T0H 0E0 (403) 338-3862

ORRPC Oldman River Regional Planning
Commission
905-4th Avenue, S.
Lethbridge, Alberta
T1J 1P0 (403) 329-1344

PRPC Palliser Regional Planning
Commission
605-2nd Avenue, S.
P.O. Box 1467
Hanna, Alberta
T0J 1P0 (403) 854-3371

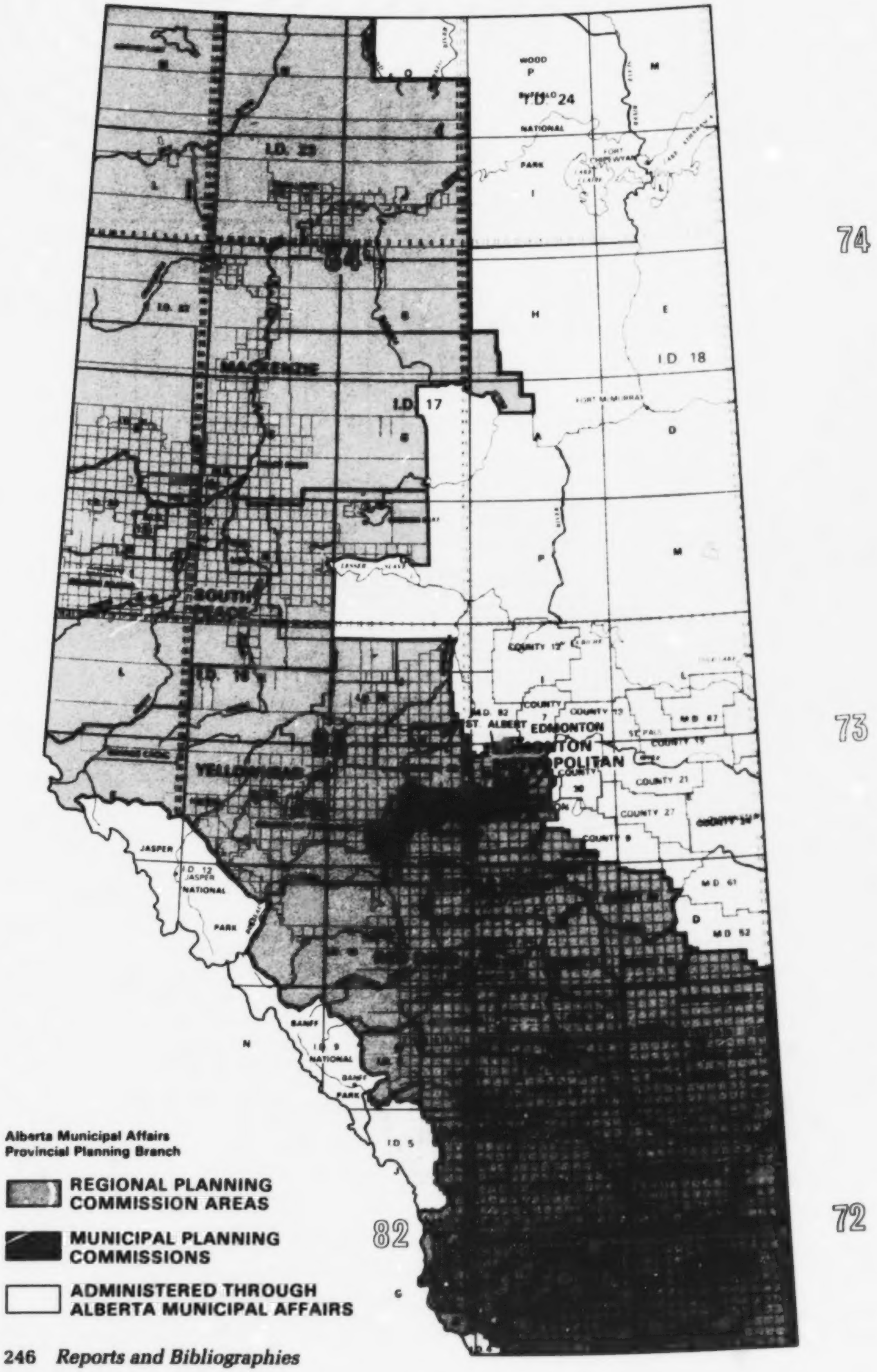
RDRPC Red Deer Regional Planning
Commission
2830-Bremner Avenue
Red Deer, Alberta
T4R 1M9 (403) 343 3394

SAMPC St. Albert Municipal Planning
Commission
5-St. Anne Street
St. Albert, Alberta
T8N 1E8 (403) 459-6601

SARPC Southern Alberta Regional Planning
Commission
Chinook Place
623-4th Street, S.E.
Medicine Hat, Alberta
T1A 1V0 (403) 527-3326

SPRPC South Peace Regional Planning
Commission
200 Windsor Court
9835-101st Avenue
Grande Prairie, Alberta
T8V 5V4 (403) 532-0988

YRPC Yellowhead Regional Planning
Commission
Box 249
Onoway, Alberta
T0E 1V0 (403) 967-2249



Alberta Municipal Affairs
Provincial Planning Branch

REGIONAL PLANNING COMMISSION AREAS
MUNICIPAL PLANNING COMMISSIONS
ADMINISTERED THROUGH ALBERTA MUNICIPAL AFFAIRS
WOOD BUFFALO NATIONAL PARK
I.D. 24
FORT CHIPEWYAN
I.D. 23
I.D. 18
I.D. 17
FORT McMURRAY
MACKENZIE
SOUTH PEACE
I.D. 16
YELLOWHEAD
COUNTY 13
COUNTY 7
COUNTY 13
M.D. 87
ST. ALBERT
EDMONTON
EDMONTON METROPOLITAN
COUNTY 21
COUNTY 27
COUNTY 24
M.D. 61
M.D. 52
JASPER
I.D. 12 JASPER NATIONAL PARK
BANFF
I.D. 9 NATIONAL PARK
I.D. 5
74
73
72
82

NOISE IN ALBERTA

Details: A series of information bulletins and brochures on noise in Alberta.

File Size: 10

Project Duration: 1980-1981

Source: Environment Council of Alberta

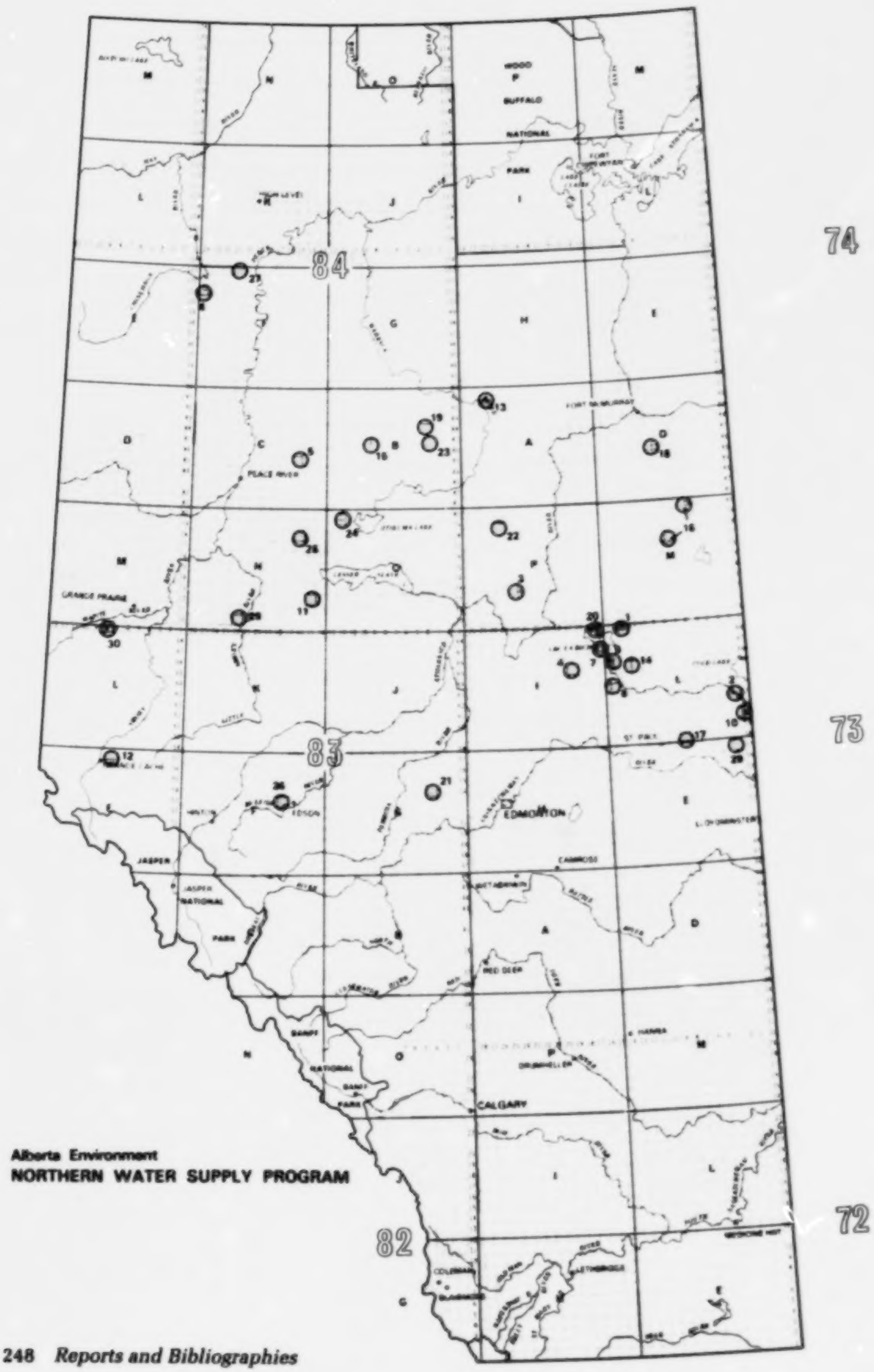
Location: Copies are available at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

NORTHERN WATER SUPPLY PROGRAM

Details: For each of the communities listed below, a report has been compiled which contains physiographic and geological information, well constuction details, aquifer testing, and groundwater quality tests:

1. Imperial Mills
2. Grand Centre-Beaverdam
3. Calling Lake Settlement
4. Caslam
5. Cadotte Lake Settlement
6. Keg River Post
7. Lac La Biche Mission Settlement
8. Kikino Metis Colony
9. Beaver Lake Area
10. Elizabeth Metis Colony
11. East Prairie Metis Colony No. 4
12. Grande Cache Area
13. Chipewyan Lake
14. Elinor Lake
15. Loon Lake
16. Conkin-Janvier
17. Moose Mountain
18. Anzac
19. Peerless Lake
20. Owl River Settlement
21. Gunn-Lac St Anne
22. Sandy Lake Settlement
23. Graham Lake Settlement
24. Atikameg
25. Peavine/Big Prairie Metis Colony No. 3
26. Mariboro
27. Keg River Metis Colony
28. Valleyview Area
29. Fishing Lake Metis Colony
30. Wapiti


Alberta Environment
NORTHERN WATER SUPPLY PROGRAM
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
HIGH LEVEL
FORT McMURRAY
PEACE RIVER
GRANDE PRAIRIE
EDSON
HINTON
JASPER
JASPER NATIONAL PARK
EDMONTON
LLOYDMINSTER
CAMROSE
RED DEER
HANNA
DRUMHELLER
BANFF NATIONAL PARK
CALGARY
LETHBRIDGE
MEDICINE HAT
84
83
82
74
73
72

File Size: 30

Project Duration: 1978-1981

Source: Alberta Environment, Earth Sciences Division

Location: Water supply reports (some are on microfiche), may be viewed at:

Alberta Environment Library
14th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

For additional information on groundwater resources in Alberta, contact:

Groundwater Resources Information Services
4th Floor, Energy Square
10109-106th Street
Edmonton, Alberta
T5J 3N4 (403) 427-4483
or (403) 427-4484

OCCASIONAL PAPERS (WILDLIFE) SERIES

Details: A series of papers examining the relationships that exist between hunters, wildlife and the environment.

File Size: 3

Project Duration: 1970-1972

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Reports are available for viewing at:

Extension Services
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6757

or

Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

PEACE-ATHABASCA DELTA PROJECT STUDIES

Details: A collection of papers by the Peace-Athabasca Delta Project Group on the environmental baseline conditions of the Peace-Athabasca delta region of northeastern Alberta.

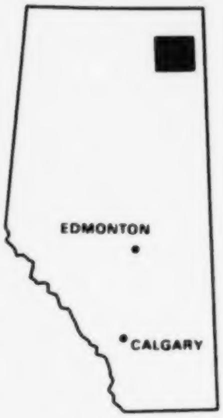
File Size: 15

Project Duration: 1971-1975

Source: Peace-Athabasca Delta Project Group
(federal/interprovincial group)

Location: Reports are available for viewing at:

Alberta Environment Library
14th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870



PHASE III FOREST INVENTORY INFORMATION REPORTS

Details: Thirty different types of information reports are available giving age class breakdown, area of productive land, volume of coniferous timber etc. These reports will be available for most of the forested crown land in Alberta.

File Size: N/A

Project Duration: Ongoing

Frequency of Update: 1 - 5 years

Source: Timber Management Branch, Alberta Forest Service

Location: Information is available from:

Timber Management Branch
Alberta Forest Service
Alberta Energy and Natural Resources
8th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-8401

POLLUTION REPORT SERIES

Details: A series of pollution reports on various rivers in Alberta. The effects of pollution upon stream quality and fishery resources are examined for the Oldman, Bow, Red Deer, North Saskatchewan and Wapiti rivers.

File Size: 4

Project Duration: 1970-1978

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Branch.

Location: Copies of reports are available only for scientific or educational purposes. Reports may be viewed at:

Fish and Wildlife Division
Alberta Energy and Natural Resources
3rd Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-8580

RECREATION STUDIES IN SELECTED ALBERTA COMMUNITIES

Details: A collection of reports summarizing surveys of interests, activities, and opportunities for recreation in the following communities in Alberta: Calgary, Coaldale, Crowsnest Pass, Edmonton, Grande Prairie, Lethbridge, Red Deer, Taber, Slave Lake, High Prairie and Wetaskwin.

File Size: 11

Project Duration: 1968-1973

Source: Alberta Culture

Location: Reports are available for viewing at:

Alberta Recreation and Parks Library
7th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-7638

REGIONAL AND RURAL PLANNING PROGRAMS

Details: Regional and rural planning programs are currently being undertaken and a number of reports are available for the following areas in Alberta:

1. Cold Lake Region
2. Improvement District No. 17
3. Improvement District No. 18
4. County No. 9 - Beaver
5. County No. 12 - Athabasca
6. County No. 24 - Vermilion River
7. County No. 27 - Minburn
8. County No. 30 - Lamont
9. M.D. No. 52 - Provost
10. M.D. No. 92 - Westlock

File Size: 10

Project Duration: 1977-

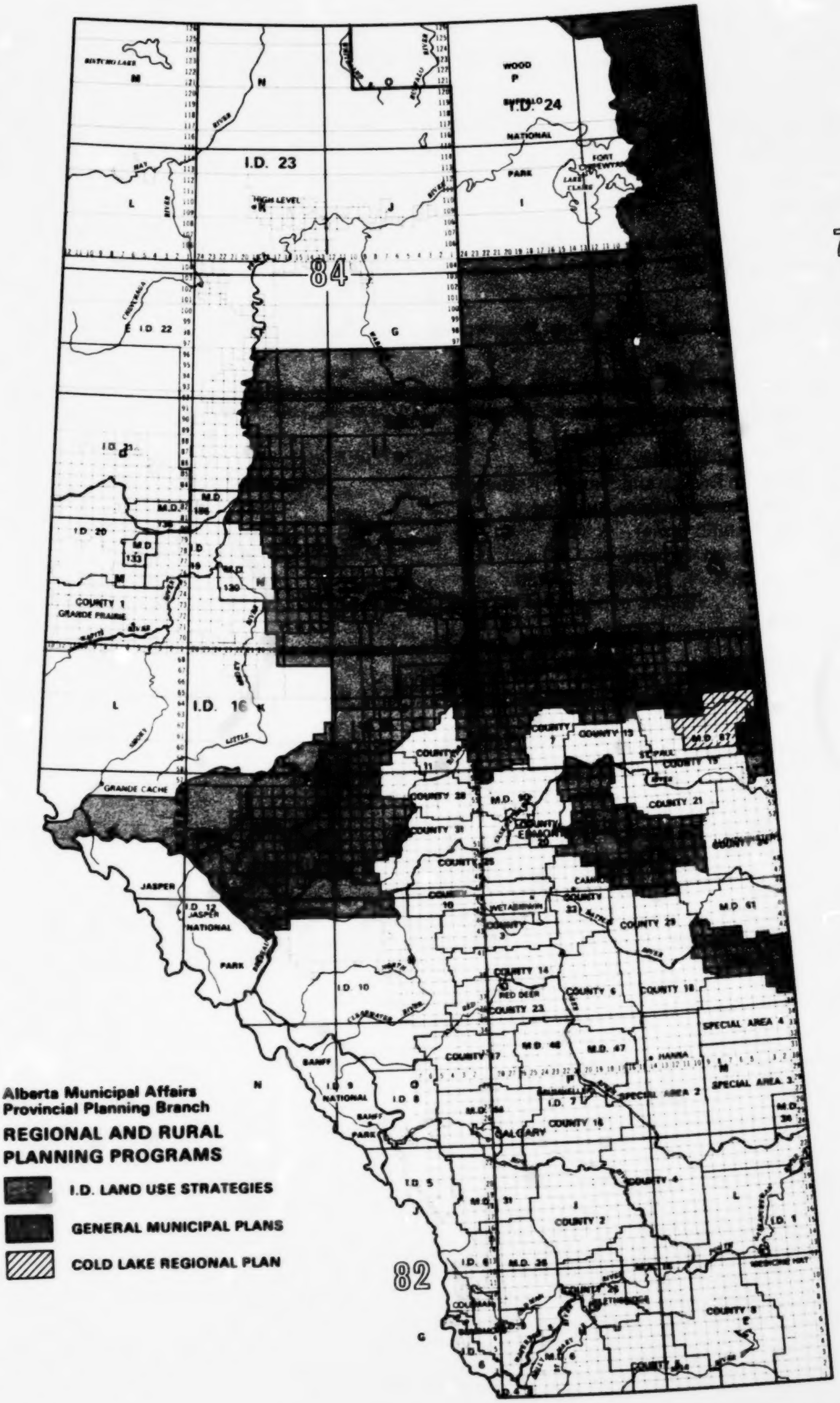
Source: Alberta Municipal Affairs, Regional Planning Section

Location: Published reports are available from:

Duplication Centre
Alberta Municipal Affairs
8th Floor, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-2941

For additional information regarding regional and rural planning contact:

Regional Planning Section
Alberta Municipal Affairs
7th Floor, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (402) 427-2995


Alberta Municipal Affairs
Provincial Planning Branch
REGIONAL AND RURAL
PLANNING PROGRAMS
I.D. LAND USE STRATEGIES
GENERAL MUNICIPAL PLANS
COLD LAKE REGIONAL PLAN
74
73
72
84
82
I.D. 24
WOOD BUFFALO NATIONAL PARK
I.D. 23
HIGH LEVEL
I.D. 22
I.D. 21
I.D. 20
COUNTY 1
GRANDE PRAIRIE
I.D. 16
GRANDE CACHE
JASPER
I.D. 12
JASPER NATIONAL PARK
I.D. 10
COUNTY 11
COUNTY 28
COUNTY 31
COUNTY 25
COUNTY 10
COUNTY 3
COUNTY 14
RED DEER
COUNTY 23
COUNTY 17
M.D. 48
M.D. 47
HANNA
SPECIAL AREA 4
SPECIAL AREA 3
SPECIAL AREA 2
I.D. 7
COUNTY 16
CALGARY
BANFF
I.D. 9
I.D. 8
I.D. 5
M.D. 31
COUNTY 2
COUNTY 4
I.D. 1
I.D. 6
M.D. 26
COUNTY 26
LETHBRIDGE
COUNTY 8
MEDICINE HAT
COUNTY 7
COUNTY 13
ST. PAUL
COUNTY 19
M.D. 87
COUNTY 21
EDMONTON
COUNTY 24
CAMROSE
COUNTY 22
WETASKIWIN
COUNTY 29
M.D. 61
COUNTY 6
COUNTY 18
FORT CHIPEWYAN
LAKE CLAIRE

RESEARCH REPORT SERIES (FISH)

Details: A series of research reports outlining the fishery resources of various water bodies in Alberta.

File Size: 26

Project Duration: 1968-

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Branch

Location: Copies of reports are available only for scientific or educational purposes. Reports may be viewed at:

Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9820-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6730

or

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

RESOURCE ASSESSMENT STUDIES

Details: Resource assessment studies have been conducted and reports are available for the following areas: Wainwright, Rumsey, Neutral Hills, and Hilliard's Bay.

File Size: 4

Project Duration: 1976-

Source: Alberta Recreation and Parks, Finance and Administration Division

Location: Reports are available for viewing at:

Alberta Recreation and Parks Library
7th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-7638

RESTORATION OF WATER LEVELS IN COOKING AND HASTING LAKES

Details: A series of information bulletins, proceedings, reports, and recommendations on the proposal to restore water levels in Cooking and Hastings lakes.

File Size: 6

Project Duration: 1971

Source: Environment Council of Alberta

Location: Information, bulletins, proceedings, reports and recommendations may be viewed at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

RESTORATION OF WATER LEVELS IN THE PEACE-ATHABASCA DELTA

Details: A collection of information bulletins, reports and recommendations on the restoration of water levels in the Peace-Athabasca Delta Region of northeastern Alberta.

File Size: 6

Project Duration: 1972-1974

Source: Environment Council of Alberta

Location: Copies are available at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

EDMONTON
CALGARY

A bibliography of available publications is available from the above address.

RISK ANALYSIS REPORTS

Details: The information contained in these reports provides background information for planning and designing systems; and for the evaluation of agro-climatic resource development potential for areas where the climatological station records are available.

Reports are available for Beaverlodge, Edmonton, Fort Vermilion, Hanna, Lacombe, Lethbridge, Manyberries and Medicine Hat.

File Size: 8

Project Duration: 1968

Source: Agriculture Canada, Agrometeorology Section

Location: Reports are available for viewing at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

RIVER BASIN STUDIES

Details: A collection of river basin studies in which some studies are directed toward investigating the feasibility of major water resource management projects while others are framework studies designed to establish the stategy and priorities for water resource development, control and protection in a particular river basin.

1. Dunvegan Hydro Power Site
2. Sturgeon River Basin
3. Cooking Lake
4. Vermilion River Basin
5. Paddle River Basin
6. Red Deer River Basin
7. Oldman River Basin
8. Beaverlodge River Basin
9. Battle River Basin
10. Milk River Basin

Studies in progress include:

1. South Saskatchewan River Basin[37]
2. Slave River Basin
3. Beaver River Basin
4. Fort McMurray Flood Control Study

Studies have been initiated for:

1. North Saskatchewan River Basin
2. Peace River Basin
3. Athabasca River Basin
4. MacKenzie River Basin[38]

File Size: 18

Project Duration: 1972-

Source: Alberta Environment, Planning Division

Location: Published reports may be viewed at:

Alberta Environment Library
14th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

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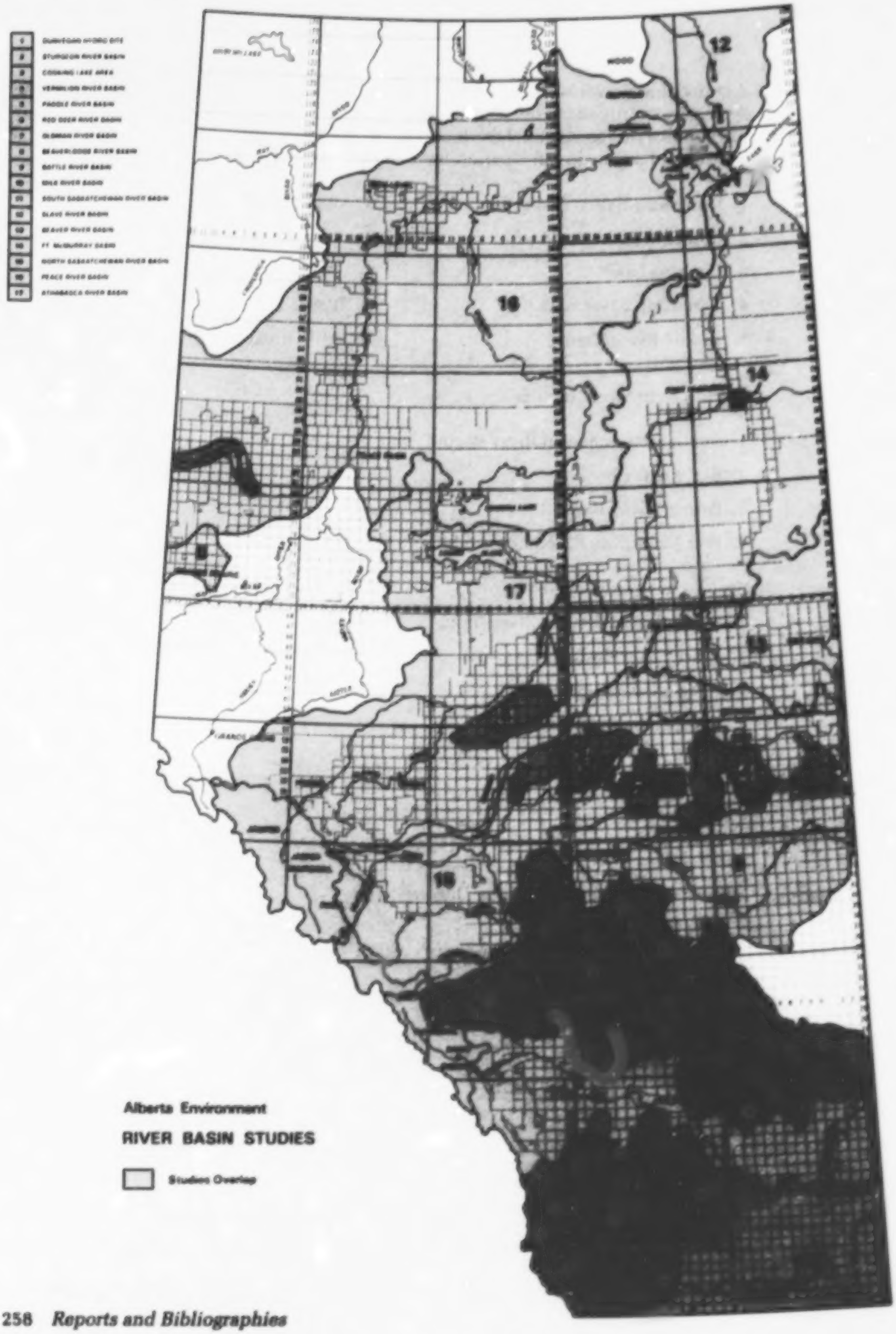
[37] Including the Red Deer, Bow and Oldman river basins, but excluding the Pakowski Lake Basin.

[38] This is a general overview dealing with the Mackenzie in the Northwest Territories and is a joint study between Alberta, Saskatchewan and the Northwest Territories.


1 DUNVEGAN HYDRO SITE
2 STURGEON RIVER BASIN
3 COOKING LAKE AREA
4 VERMILION RIVER BASIN
5 PADDLE RIVER BASIN
6 RED DEER RIVER BASIN
7 OLDMAN RIVER BASIN
8 BEAVERLODGE RIVER BASIN
9 BATTLE RIVER BASIN
10 MILK RIVER BASIN
11 SOUTH SASKATCHEWAN RIVER BASIN
12 SLAVE RIVER BASIN
13 BEAVER RIVER BASIN
14 FT. McMURRAY BASIN
15 NORTH SASKATCHEWAN RIVER BASIN
16 PEACE RIVER BASIN
17 ATHABASCA RIVER BASIN
12
16
14
8
17
13
15
Alberta Environment
RIVER BASIN STUDIES
Studies Overlap

RIVER VALLEY RESOURCE ANALYSIS

Details: The North Saskatchewan River Valley and Ravine System was inventoried to identify recreational facilities, programs, use levels, recreation and leisure trends and the ability to sustain various recreational activities and development problems. This data base (report with accompanying inventory maps) will allow planners to identify lands within the river valley and the associated ravines that have the capability/suitability for recreational use. This study is an indepth extension of the "Biophysical River Valley Studies" on page 208.

File Size: 1 report

Project Duration: 1980-1983

Source: Parks and Recreation Department, City of Edmonton

Location: Final reports may be viewed at:

Parks and Recreation Department
City of Edmonton
9th Floor, CN Tower
10004-104th Avenue
Edmonton, Alberta
T5K 0K1 (403) 428-3544

SOIL IRRIGABILITY REPORTS

Details: A series of reports has been prepared for the Sturgeon River Basin, Red Deer River Project and the South Saskatchewan River Basin. The objectives of these studies were to sample specific soil types, and to characterize physical and chemical properties pertinent to the irrigation capabilitiy of the particular soil. Accompanying these reports are a number of general irrigation reports.

File Size: 33

Project Duration: 1964-

Frequency of Update: N/A

Source: Alberta Environment, Earth Sciences Division

Location: Information regarding reports may be obtained from:

Soils Branch
Earth Sciences Division
Alberta Environment
14th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6190

SURVEY REPORT SERIES (WATER BODIES)

Details: Biological surveys of various water bodies in Alberta are outlined in this series of survey reports.

File Size: 26

Project Duration: 1968-

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Branch

Location: Copies of reports are available only for scientific or educational purposes. Reports may be viewed at:

Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6730

or

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-5811

SYNCRUDE ENVIRONMENTAL RESEARCH MONOGRAPHS

Details: A series of research reports by private consulting companies on experiments initiated by Syncrude Canada Ltd. The monographs provide environmental baseline data for the Syncrude lease near Fort McMurray, Alberta.

File Size: 33

Project Duration: 1973-

EDMONTON
CALGARY

Source: Syncrude Canada Ltd.

Location: For information on the availability of the Syncrude Environmental Research monographs, contact:

Environmental Affairs Department
Syncrude Canada Ltd.
11th Floor, Seventh Street Plaza
10030-107th Street
Edmonton, Alberta
T5J 3E5 (403) 429-9110

Monographs may be viewed at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

SYNCRUDE PROFESSIONAL PAPERS

Details: A series of professional papers dealing with the following subjects for the Syncrude lease near Fort McMurray, Alberta: meteorology, wildlife and wildlife habitat, vegetation, and socio-economic assessment of the Syncrude project.

File Size: 33

Project Duration: 1976-

Source: Syncrude Canada Ltd.

Location: The Syncrude Professional Papers are available from:

Environmental Affairs Department
Syncrude Canada Ltd.
11th Floor, Seventh Street Plaza
10030-107th Street
Edmonton, Alberta
T5J 3E5 (403) 429-9110

Papers may be viewed at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

THE USE OF PESTICIDES AND HERBICIDES IN ALBERTA

Details: A series of information bulletins, reports, and recommendations on the use of pesticides, fungicides, insecticides, herbicides and vertebrate poisons in Alberta.

File Size: 8

Projection Duration: 1974-1976

Source: Environment Council of Alberta

Location: Copies are available at:

Environment Council of Alberta Library
8th Floor, Weber Centre
5555-Calgary Trail
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

WATER RESOURCES DEVELOPMENT STUDIES

Details: A collection of reports on water resource development in Alberta.

File Size: 10

Project Duration: 1979

Source: Conference on Alberta Water Resources, Present and Future, Red Deer, 1979.

Location: Reports are available for viewing at:

Alberta Municipal Affairs Library
9th Floor, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-5811

WILDLIFE DAMAGE REPORTS

Details: A series of internal reports dealing with the problems associated with wildlife in Alberta. Reports vary in nature from agricultural damage to bear-human conflicts.

File Size: 110 + .

Project Duration: 1949-

Frequency of Update: N/A

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Because of the nature of the information, these reports are generally available only for resource evaluation and planning purposes. Reports are available for viewing from:

Wildlife Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6750

WILDLIFE DISEASES AND PARASITES

Details: A collection of reports dealing mainly with the effects on Alberta wildlife of disease and parasites and, to a lesser extent, chemicals.

File Size: 110 + .

Project Duration: 1955-

Frequency of Update: N/A

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Because of the nature of the information, these reports are generally available only for resource evaluation and planning purposes. Reports are available for viewing from:

Wildlife Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6750

WILDLIFE MANAGEMENT SERIES

Details: A series of reports on wildlife management in Alberta describing wildlife resources, harvest regulations, and wildlife management practices and problems.

File Size: 9

Project Duration: 1972-1975

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Reports are available for viewing at:

Extension Services
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6757

or

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

WILDLIFE TECHNICAL BULLETINS

Details: A series of technical bulletins on various aspects of wildlife biology in Alberta.

File Size: 6

Project Duration: 1969-1981

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Reports are available for viewing at:

Extension Services
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6757

or

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

RESOURCE FILES AND DATA BASES

AERIAL PHOTOGRAPHY

Details: Provincial aerial photography is available for the entire province of Alberta from 1949. For information on LANDSAT imagery refer to "Satellite Imagery" on page 310.[39]

File Size: N/A

Project Duration: 1949-

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping (ABSM)

Location: For a complete listing of all available aerial photography flown in Alberta, consult **Aerial Photography Project Index,** available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3519

Information for LANDSAT imagery is available from:

Alberta Remote Sensing Centre
11th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5J 2J6 (403) 427-2381

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[39] Federal aerial photography is available from: National Air Photo Library, 615 Booth Street, Ottawa, Ontario K1A 0E9 (613) 995-4560. However, an index of available photos is available for viewing at Distribution Services, ABSM.

ALBERTA ENVIRONMENT REAL TIME HYDROMETEOROLOGICAL NETWORK COMPUTER FILE

Details: The purpose of the network is to provide data which will enable Alberta Environment to improve its flood forecasting abilities. In addition, the network will assist in establishing a hydrometeorological data base for the Eastern Slopes region of Alberta.

The parameters monitored include precipitation, temperature, humidity, wind, water-level and snow pillow (water equivalent of snow). The parameters monitored at each station vary. In many cases telemetry has been added to precipitation gauges operated by Atmospheric Environment Services and to water level stations operated by the Water Survey of Canada. Data is collected hourly and transmitted every three hours.

In remote areas where telephone service is not available, Data Collection Platforms (DCP) using the Geostationary Orbiter Earth Satellite (GOES) system have been installed. Where telephone lines can be used, micro-processor controlled telemetry units are employed. At these sites data are available on demand.

Data Collection Platforms currently operational include:

1. Akamina Pass (NTS 82G)
2. Athabasca at Windfall (Water level) (NTS 83K)
3. Brazeau River (Water level) (NTS 83C)
4. Coalcamp Creek (NTS 82O)
5. Cox Hill (NTS 82J)
6. Cuthead Lake (NTS 82O)
7. Dogrib Creek (NTS 82O)
8. Fallentimber Creek (NTS 82O)
9. Forget-Me-Not-Mountain (NTS 82J)
10. Gardiner Creek Headwaters (NTS 82G)
11. James River Headwaters (NTS 82O)
12. Limestone Ridge (NTS 82G)
13. Little Elbow Summit (NTS 82J)
14. Little Paddle River Headwaters (NTS 83G)
15. Nordegg River (Water level) (NTS 83B)
16. Pasque Creek (NTS 82J)
17. Racehorse Creek (NTS 82G)
18. Red Rock-Waterton (NTS 82G)
19. Red Deer River below Burnt Timber (NTS 82O)
20. Scalp Creek (NTS 82O)
21. Scotch Camp (NTS 82O)
22. Sheep River II (NTS 82J)
23. Skoki Mountain (NTS 82N)
24. Spionkop Creek (NTS 82G)
25. Sunshine Creek (NTS 82O)
26. Three Isle Creek (NTS 82J)
27. Vicary Creek (NTS 82G)
28. West Castle River (NTS 82G)
29. Wildhay River (Water level) (NTS 83F)

Telemetry units (using telephone lines) currently in operation include:

1. **Meteorological Stations**

Beauvais Provincial Park (NTS 82G)
Elbow Ranger Station (NTS 82J)
Ghost Ranger Station (NTS 82O)

Green Court (NTS 83J)
James River Ranger Station (NTS 82O)
Jumping Pound Ranger Station (NTS 82O)
Lee Creek (NTS 82H)
Mayerthorpe (NTS 83G)
Paddle River Headwaters (NTS 83G)
Sullivan Creek (NTS 82J)
Sundre Ranger Station (NTS 82O)
Twin Lakes (NTS 83J)

2. **Hydrometric Stations**
Connor Creek (NTS 83J)
James River-Sundre (NTS 82O)
Little Red Deer River (NTS 83B)
Medicine River (NTS 83B)
Oldman River at Waldron's Corners (NTS 82G)
Paddle River at Anselmo (NTS 83G)
Paddle River at Sangudo (NTS 83G)
Paddle River at Hwy. 764 (NTS 83J)
Red Deer at Drumheller (NTS 82P)
Trapp Creek at Longview (NTS 82J)

File Size: 51

Project Duration: 1979-

Source: Alberta Environment, Technical Services Division, Water Survey Section

Location: Further information on the program is available from:

Water Survey Section
Technical Services Division
Alberta Environment
9820-106th Street
Edmononton, Alberta
T5K 2J6 (403) 427-6279

ALBERTA HAIL PROJECT RECORDS COMPUTER FILE

Details: An ongoing computer-accessible file containing daily point observations for summer months of precipitation and hail occurrences with time, size and spacing from volunteer observers at 500 to 600 stations.

File Size: 75 000 + (hail records)
20 000 + (rain records)

Project Duration: 1957-

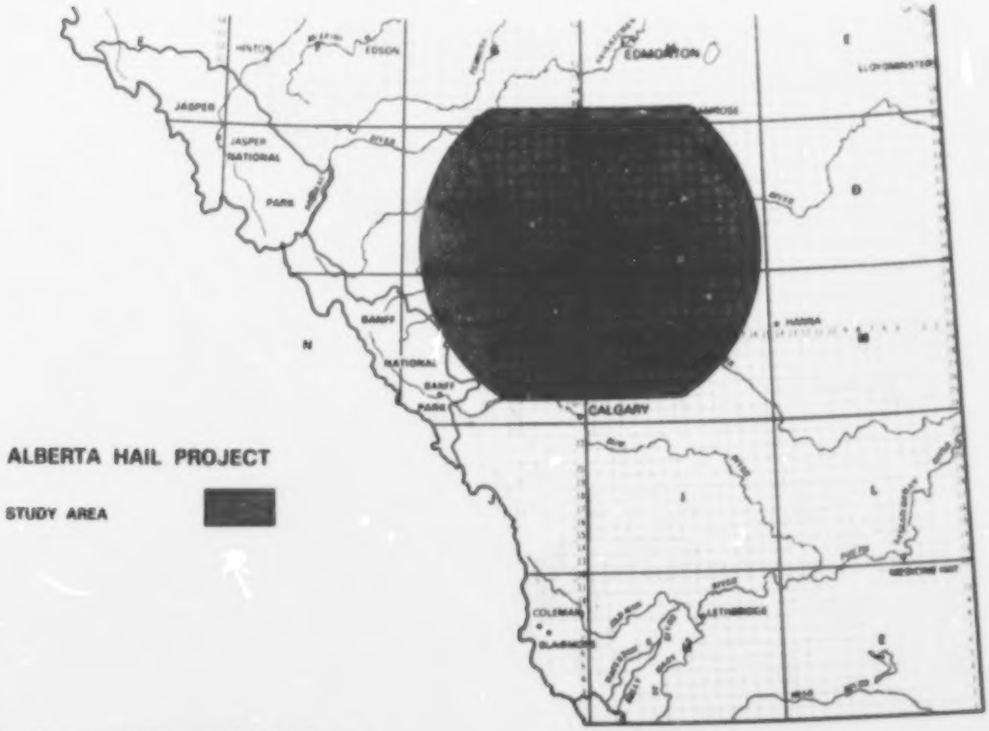
Frequency of Update: Annually

Source: Alberta Research Council, Atmospheric Sciences Department

Location: Computerized information is available from:

Atmospheric Sciences Department
Alberta Research Council
7th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

The various studies are summarized in an annual report.


HINTON
EDSON
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
D
HANNA
N
BANFF NATIONAL PARK
CALGARY
ALBERTA HAIL PROJECT
STUDY AREA ▨
COLEMAN
LETHBRIDGE
MEDICINE HAT

ALBERTA SURVEY CONTROL COORDINATE COMPUTER FILE

Details: A computer and hard copy file of coordinates (latitude, longitude and elevation) for all integrated survey control markers throughout the province. Most rural areas have survey control (SC) markers positioned on an approximate spacing of 10 to 20 kilometres. Most cities and about 40 other urban municipalities have survey control markers positioned at 300 m to 800 m spacing.

File Size: 22 000

Project Duration: Ongoing

Frequency of Update: Dynamic

Source: Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping, Survey Control Branch

Location: Information is available from:

Alberta Bureau of Surveying and Mapping
50th Street Atria
4949-94B Avenue
Edmonton, Alberta
T6B 2T5 (403) 427-5824

ARCHAEOLOGICAL SITE INVENTORY MANUAL FILE

Details: Archaeological sites are inventoried and filed with each site described by name and legal description. Accessibility, culture affiliation, air photo reference, site type, environmental setting, site disturbance potential, and present location of any artifacts collected are indicated in each file.

File Size: N/A

Project Duration: Circa 1974

Access: Departmental approval required

Source: Archaeological Survey of Alberta, Alberta Culture

Location: Archaeological information is available from:

Archaeological Survey of Alberta
Alberta Culture
Old St. Stephen's College
8820-112th Street
Edmonton, Alberta
T6G 2P8 (403) 427-2355

BENTONITES AND LIMESTONES MANUAL FILE

Details: An ongoing paper file of limestone and bentonite outcrops which have been tested for quality and quantity.

File Size: 19

Project Duration: 1945-

Source: Alberta Research Council, Natural Resources Division

Location: Detailed information may be obtained in **Limestone Resources of Alberta,** Economic Geology Report 4, and **Alberta Bentonites,** Economic Geology Report 2. Both reports are available from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

CENTRAL GROUNDWATER DATA MANUAL FILE

Details: An ongoing paper file of groundwater availability and production suitability inventories. Each individual file contains location by legal description, drillers' logs, water analysis, water flows and completion reports.

File Size: 130 000 + .

Project Duration: 1958-

Source: Earth Sciences Division, Alberta Environment

Location: Groundwater data is available from:

Earth Sciences Division
Alberta Environment
14th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6231

CLAYS AND SHALES MANUAL FILE

Details: An ongoing paper file of ceramic test data for more than 200 deposits of clays and shales undertaken by the federal Department of Energy, Mines and Resources (1912-1915, 1932), supplemented by the Alberta Research Council (1915-present).

File Size: 200 + .

Project Duration: 1912-

Source: Canada Department of Energy, Mines and Resources, and Alberta Research Council, Natural Resources Division

Location: Detailed information and maps are available in Economic Geology Report 3, Earth Sciences Notes 77A, 78A and 80A, available from:

Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

CLIMATE INVENTORY AND APPRAISAL RECORDS COMPUTER FILE

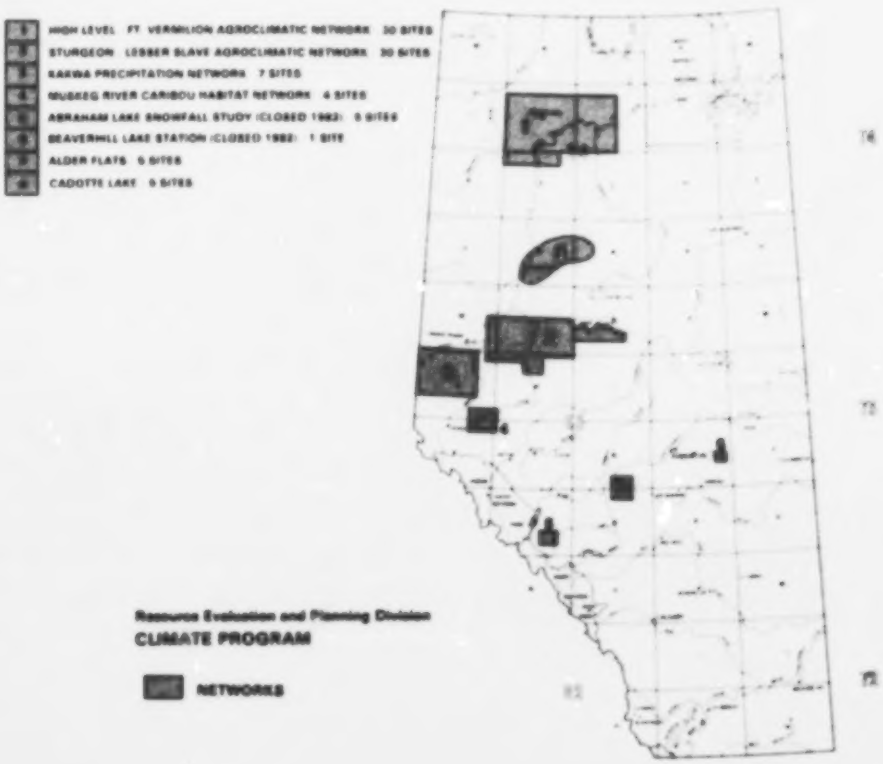
Details: A computer file of data for use in the mapping of agroclimatic capability is being compiled for two dense networks in the Peace River region. Each network monitors temperature at 30 points, precipitation at 45 points, and soil temperature and moisture at three sites. Maps which are slated for production in 1983 will indicate frost-free periods, growing-degree days, moisture budget and climate capability for agriculture.

Cadotte Lake and Alder Flats networks, installed in 1983, monitor daily temperature and precipitation for later use in agroclimatic capability mapping.

Climate data for use in a caribou study conducted by the Fish and Wildlife Division are being collected in the Huckleberry Tower-Muskeg River area. This network monitored snow cover, wind, precipitation and temperature in five caribou habitat types. The Kakwa network recorded daily precipitation for watershed studies. The Abraham Lake snowfall study monitored snowfall, snow cover, precipitation and temperature. The Beaverhill Lake station monitored temperature, precipitation and soil moisture as part of a grazing study being conducted by the Lands Division.

File Size: Daily Archive (maximum, minimum, temperature, precipitation) one record per station per day total 180 000 records.

Monthly Archive (snow depth, soil temperature and moisture, wind run, monthly precipitation) one record per station per month total 2 000 records.


HIGH LEVEL FT VERMILION AGROCLIMATIC NETWORK 30 SITES
STURGEON LESSER SLAVE AGROCLIMATIC NETWORK 30 SITES
KAKWA PRECIPITATION NETWORK 7 SITES
MUSKEG RIVER CARIBOU HABITAT NETWORK 4 SITES
ABRAHAM LAKE SNOWFALL STUDY (CLOSED 1982) 5 SITES
BEAVERHILL LAKE STATION (CLOSED 1982) 1 SITE
ALDER FLATS 5 SITES
CADOTTE LAKE 5 SITES
Resource Evaluation and Planning Division
CLIMATE PROGRAM
NETWORKS

Project Duration: 1979-

Frequency of Update: Monthly

Source: Alberta Energy and Natural Resources, Resource Evaluation Branch, Resource Appraisal Section

Location: Climatic information is available from:*

Resource Appraisal Section
Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
4th Floor, North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-8515

CLIMATOLOGICAL RECORDS COMPUTER FILE

Details: An ongoing computer-accessible file of climatological network station records for which temperature and precipitation are recorded daily. Principal stations record sky conditions, visibility, atmospheric pressure, ambient and dewpoint temperature and wind observations every hour. In addition to the observations at principal stations, a number of other parameters such as evaporation, rainfall intensity, snow survey, soil temperature and sunshine are recorded at other climatological network stations throughout the province.

File Size: 560 + .

Project Duration: Circa 1980

Frequency of Update: Hourly to monthly

Source: Environment Canada, Atmospheric Environment Services

Location: Climatological data is found in the following publications:

1. **Monthly Record of Meterological Observations**
2. **Canadian Weather Review**

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* All network data (daily temperature and precipitation) are available on IBM magnetic tape files in Atmospheric Environment Service format.

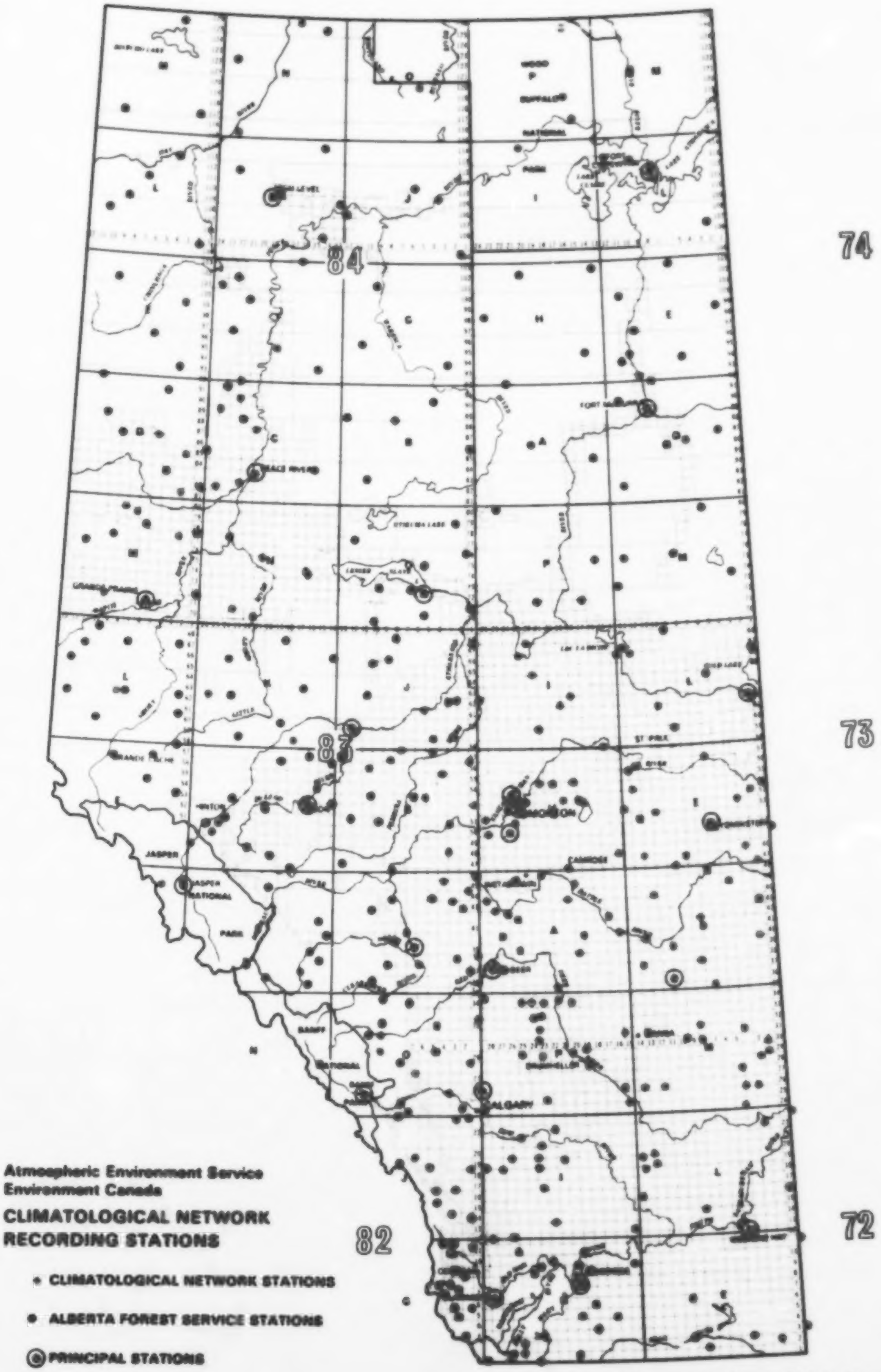
3. **Canadian Normals**
4. **Climatic Perspectives**

Further information may be obtained from:

Atmospheric Environment Services
Western Region
6325-103th Street
Argyll Centre
Edmonton, Alberta
T6H 5H6 (403) 437-1250

For information regarding the Alberta Forest Service Stations, contact:

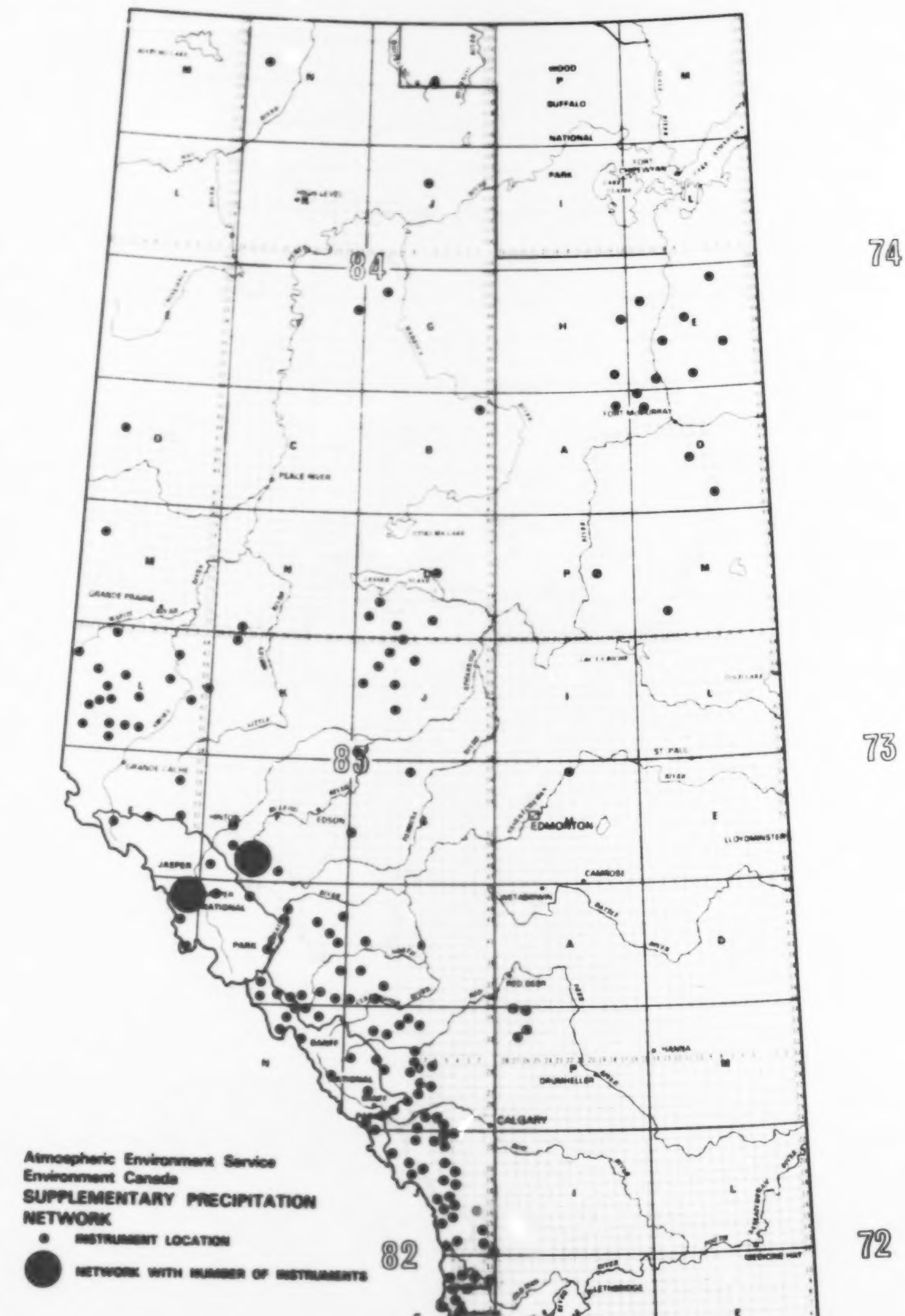
Forest Protection Branch
Alberta Forest Service Depot
Alberta Energy and Natural Resources
10625-120th Avenue
Edmonton, Alberta
T5E 5S9 (403) 427-7344



Atmospheric Environment Service
Environment Canada

CLIMATOLOGICAL NETWORK RECORDING STATIONS

74
73
72
84
83
82
● CLIMATOLOGICAL NETWORK STATIONS
● ALBERTA FOREST SERVICE STATIONS
◎ PRINCIPAL STATIONS
HIGH LEVEL
FORT McMURRAY
PEACE RIVER
GRANDE PRAIRIE
EDMONTON
JASPER
JASPER NATIONAL PARK
BANFF NATIONAL PARK
CALGARY
CAMROSE
RED DEER
DRUMHELLER
LETHBRIDGE
MEDICINE HAT
LLOYDMINSTER
WOOD BUFFALO NATIONAL PARK
LESSER SLAVE LAKE


WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
84
74
FORT McMURRAY
PEACE RIVER
GRANDE PRAIRIE
73
83
HINTON
EDSON
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
RED DEER
HANNA
BANFF
DRUMHELLER
CALGARY
82
72
LETHBRIDGE
MEDICINE HAT
Atmospheric Environment Service
Environment Canada
SUPPLEMENTARY PRECIPITATION NETWORK
● INSTRUMENT LOCATION
NETWORK WITH NUMBER OF INSTRUMENTS

COMMERCIAL FISH CATCH STATISTICS MANUAL FILE

Details: A paper file recording the weight and species of fish caught under authority of a zone commercial or zone fishermen's licence, in 100 of the 232 Alberta lakes in which commercial fishing is permitted. Information is compiled into fisheries statistics and cutting records. Cutting records determine the rate of infestation by statistical sampling of up to 100 whitefish or tullibee landed by commercial fishermen. Fishery statistics are completed at the end of each individual lake fishery, identifying the number of licences, species weight, value to fishermen and marketed value compiled on a calendar and fiscal year basis.

File Size: 100 lakes

Project Duration: 1947-

Frequency of Update: Daily to monthly

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Information is available from:

Fish and Wildlife Division
Alberta Energy and Natural Resources
2nd Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6730

COMPULSORY REGISTRATION (WILDLIFE HARVEST) STATISTICS COMPUTER FILE

Details: A computer-accessible file of hunter statistics by Wildlife Management Units (WMU). Actual harvest statistics are available for mountain goat, bighorn sheep, grizzly bear, caribou[41], elk and cougar. Statistics include the number of animals harvested by species by WMU, the number of males harvested by species by WMU, the number of females harvested by species by WMU, and the number of males per 100 females.

File Size: 6 species

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[41] As caribou are no longer harvested, only past statistics are available.

Project Duration: 1972-

Frequency of Update: Yearly

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Because of the nature of the information, Compulsory Registration Statistics are generally available only for resource evaluation and land-planning purposes. Compulsory Registration Statistics are available upon approval from:

Wildlife Services, Fish and Wildlife Division
Alberta Energy and Natural Resource
5th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6750

CREST GAUGE MANUAL FILES

Details: For each gauging station, both active (78) and discontinued (134), a file is maintained. The following information is included:

1. Description and location plan,
2. A gauge history,
3. A summary of station visits giving details on actual flow and water level at the time of the visit and a recording of the maximum water level since the last visit,
4. A flow measurement summary which includes average velocity and crosssectional area,
5. A rating curve showing the relationship between water level and flow, and
6. A summary of estimated peak flow for all years of record.

As of 1982 Alberta Environment crest gauging stations were incorporated into a supplemental surface water data program.

File Size: 201

Project Duration: Circa 1958

Frequency of Update: Continually

Source: Alberta Environment, Technical Services Division

Location: Records may be viewed at:

Technical Services Division
Alberta Environment
10th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

The Publication **Alberta Crest Stage Gauges** provides important information on both the active and discontinued crest gauge stations in Alberta. This publication is available from the above location.

Information on the 43 crest gauge stations operated by the Alberta Research Council for the north-central portion of Alberta is available from:

Transportation and Surface Water
Engineering Department
Alberta Research Council
4th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1555

CROP REPORT MANUAL FILE

Details: An ongoing paper file resulting from a province-wide survey of agricultural conditions by farmers and district agriculturists. Information is organized by region indicating moisture, crop and livestock conditions.

File Size: 300+.

Project Duration: 1961-

Frequency of Update: Bimonthly

Source: Alberta Agriculture, Statistics Branch

Location: Crop reports are available from:

Statistics Branch
Alberta Agriculture
3rd Floor, J.G. O'Donoghue Building
7000-113th Street
Edmonton, Alberta
T6H 5T6 (403) 427-4020

ENERGY RESOURCES CONSERVATION BOARD (ERCB) COMPUTER FILES

Details: The ERCB makes available for sale a selection of computer processable files. The following files are available on a subscription basis:

1. Gas Pool Reserves File
2. Oil Pool Reserves File
3. Drilling Well Data File
4. Oil Sand Data File
5. Dictionary File
6. Pipeline File
7. Historical Well Production - Injection and Well Control Data File
8. Core Analysis File
9. General Well Data Master File
10. List of Wells in Alberta
11. Gas Well Absolute Open Flow Potential/Pressure File
12. Coal File
13. Licencing Tape
14. Oil Sands Tape

A computer program is also available.

1. Multiple-Puff Atmospheric Dispersion Model, Program PS10210

File Size: N/A

Project Duration: N/A

Frequency of Update: Weekly to annually

Source: Energy Resources Conservation Board

Location: For information on files, contact:

Data Processing Department
Energy Resources Conservation Board
640-5th Avenue, S.W.
Calgary, Alberta
T2P 3G4 (403) 297-2480

For further information on services and available information consult, **Publications, Maps and Services Catalogue, January 1984** available free of charge from the ERCB Publications Department (phone: 403-297-8328).

FISH PLANTING STATISTICS MANUAL FILE

Details: A paper file of the number, species and size of fish deposited in each of the more than 400 stocked water bodies in Alberta. Statistics are organized according to the following regions: Southern, Central, East Slope, Northeast and Peace River.

File Size: 400 + (water bodies)

Project Duration: 1951-

Frequency of Update: Annually

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Fish planting statistics are available from:

Fisheries Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
3rd Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-8580

FLOWING HOLES MANUAL FILE

Details: An ongoing paper file in which all seismic shot holes resulting in water flow to the surface are described. The licence, permittee, location, depth of hole and origin of flow are indicated.

File Size: 10 000+.

Project Duration: 1952-

Frequency of Update: Daily

Source: Alberta Energy and Natural Resources, Mineral Resources Division, Exploration Branch

Location: Information is available from:

Manager, Exploration and Approvals
Exploration Branch
Mineral Resources Division
Alberta Energy and Natural Resources
6th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-6601

FOREST FIRE COMPUTER FILE

Details: For each forest fire in Alberta, the location, cause, time, discovery agent, time of the initial suppression, and method of suppression is recorded. Other information recorded includes difficulties encountered during fire suppression, weather conditions, amount of labor and equipment used, size of fire, and property and equipment losses. An evaluation of the fire damage is provided, documenting acreage burned volume and value lost, and species and type of timber burned.

File Size: 8 000+.

Project Duration: 1961-

Frequency of Update: Annually

Source: Alberta Energy and Natural Resources, Alberta Forest Service, Forest Protection Branch

Location: Individual reports are restricted.

Forest Protection Branch
Alberta Forest Service
Alberta Energy and Natural Resources
10625-120th Avenue
Edmonton, Alberta
T5E 5S9 (403) 427-6807

Totals are public and are available in the following publications:

1. **Annual Report: Alberta Energy and Natural Resources,** available from:

   Alberta Energy and Natural Resources
   Information Centre
   1st Floor, Bramalea Building
   9820-108th Street
   Edmonton, Alberta
   T5K 2M4 (403) 427-3590

2. Environment Canada. **Forest Fire Losses in Canada**

3. Periodic reports on statistical analysis of fires are also issued.

FOREST RESERVE GRAZING RECORDS MANUAL FILE

Details: An ongoing paper file is maintained of livestock grazing on range allotments in the Rocky Mountain Forest Reserve (refer to **Range Allotment Maps**). Information includes the number of livestock entered and removed from the allotment, animal unit months of grazing, the number of livestock lost and the cause. The amount of revenue collected is also reported.

File Size: N/A

Project Duration: 1948-

Frequency of Update: Annually

Source: Alberta Energy and Natural Resources, Alberta Forest Service, Range Management

Location: Individual records are restricted.

Range Management, Forest Land Use Branch
Alberta Forest Service
Alberta Energy and Natural Resources
6th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3582

Totals are public and are available in **Annual Report: Alberta Energy and Natural Resources**, available from:

Alberta Energy and Natural Resources
Information Centre
1st Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3590

FOREST STATION WEATHER RECORDS COMPUTER FILE

Details: An ongoing computer-accessible file of station temperatures, relative humidity, wind speed and direction, precipitation, lightning, and the amount and type of cloud cover are recorded twice daily for each forest region in Alberta. See map on previous page for locations of Alberta Forest Service stations.

File Size: 172 (stations)

Project Duration: 1950-

Frequency of Update: Twice daily

Source: Alberta Energy and Natural Resources, Alberta Forest Service

Location: Individual records are restricted. Contact:

Alberta Forest Service
Alberta Energy and Natural Resources
10625-120th Avenue
Edmonton, Alberta
T5E 5S9 (403) 437-6810

Totals are public and are available in the following publications:

1. Environment Canada, **Monthly Record of Metereological Observations in Canada**
2. Alberta Forest Service, **Precipitation Over Alberta**
3. Alberta Forest Service, **Lightning Over Alberta**
4. Alberta Environment, **Climate of Alberta**

LAKE LEVEL MANUAL FILE

Details: An ongoing paper file used to supplement lake level-data collected by Environment Canada in Alberta.

File Size: 400 + (water bodies)

Project Duration: 1918-

Frequency of Update: Varies with each location.

Source: Alberta Environment, Technical Services Division, and Environment Canada

Location: **Miscellaneous Lake Level** publications are available for the years 1978, 1979, 1980, and 1981 from:

Technical Services Division
Alberta Environment
10th Floor, Oxbridge Place
9820-108th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

LAKE AND RESERVOIR AREA AND CAPACITY MANUAL FILE

Details: Surface area and volume measurements have been derived from bathymetric maps for various lakes and reservoirs in Alberta. Area-capacity curves are also available for some lakes.

File Size: 244

Project Duration: 1958-

Frequency of Update: N/A

Source: Alberta Environment, Alberta Energy and Natural Resources; Prairie Farm Rehabilitation Administration; other agencies such as Ducks Unlimited.

Location: In order to determine the availability of a specific area and capacity file, consult **Alberta Lakes and Reservoirs Reference Index 1980**, available from:

Technical Services Division
Alberta Environment
Room 1030, 10th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

LAKE AND STREAM MANUAL FILES

Details: Each lake file contains the following details: inlets, outlets, depth, area, volume, shoreline length, Canada Land Inventory Classification, and pH. Fish and wildlife habitats are described as well as fish stocking levels, winter kill, fishing density and recreational opportunities.

Stream and river files contain similar detailed information with source and mouth located by township and range. Other detailed information includes: physical attributes such as length, width, gradient, maximum and minimum waterflow, dam locations, and the number of pools versus riffles; chemical analyses including total dissolved solids and dissolved oxygen; and biological information including species, fishing intensity, stream bottom fauna and spawning grounds.

File Size: 1 200 + (water bodies)

Project Duration: Circa 1950

Frequency of Update: Continually

Source: Alberta Energy and Natural Resources, Fish and Wildlife Division

Location: Because of the nature of the information, lake and stream files are generally available only for resource evaluation and planning purposes. Lake and stream files are available upon request from:

Fish and Wildlife Division
Alberta Energy and Natural Resources
3rd Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
(403) 427-8580

LAKE WATER QUALITY SURVEYS COMPUTER FILE

Details: An ongoing computer-accessible file related to levels of fertility (trophic status) in recreational lakes. Documents levels of nutrients, quantities of suspended algae, transparency and other indicators of fertility.

Water-quality surveys have been completed for the following lakes in Alberta:

1. **Bourque Lake NTS 73L/10**
2. **Cold Lake NTS 73L/8, 9**
3. **Crimson Lake NTS 83B/6**
4. **Garner Lake NTS 73L/4**
5. **Ghost Lake NTS 83I/13**
6. **Hilda Lake NTS 73L/9, 12**
7. **Island Lake NTS 83I/13**
8. **Jackfish Lake NTS 83G/9**
9. **Lac La Biche NTS 73L/13; 83I/16**
10. **Lac La Nonne NTS 83G/16**
11. **Marie Lake NTS 73L/9**
12. **May Lake NTS 73L/9**
13. **Moore Lake NTS 73L/9, 10**
14. **Muriel Lake NTS 73L/2**
15. **Nakamun Lake NTS 82I/14**
16. **Pine Lake NTS 83A/3**
17. **Sandy Lake NTS 83G/16**
18. **Skeleton Lake NTS 83I/10**
19. **Wizard Lake NTS 83H/4**
20. **Wolf Lake NTS 73L/10, 11**

Studies to determine the effect of diversion or waste water are continuing for the following Alberta lakes:

1. **St. Cyr Lac NTS 73E/14**
2. **Field Lake NTS 73L/12; 83I/9**
3. **Gull Lake NTS 83A/5, 12; 83B/8, 9**

Intensive nutrient budget studies have been completed for the following lakes:

1. **Baptiste Lake NTS 83I/12, 13**
2. **Ethel Lake NTS 73L/9**
3. **Tucker Lake NTS 73L/10**
4. **Wabamum Lake NTS 83G/7, 9, 10**

A monthly long-term monitoring program, in conjunction with the provincial parks, has been initiated for the following lakes:

1. **Elkwater Lake NTS 72E/9**
2. **Gull Lake NTS 83A/5, 12; 83B/8, 9**
3. **Lac La Biche NTS 72L/13; 83I/16**
4. **Long Lake NTS 83I/7**
5. **Moonshine Lake NTS 83M/14**
6. **Moose Lake NTS 73L/2, 6, 7**
7. **Newell Lake NTS 72E/9 72L/5**
8. **Pigeon Lake NTS 83G/1; 83H/4**
9. **Steele Lake NTS 83I/12**
10. **Sturgeon Lake NTS 83N/3, 4**
11. **Sylvan Lake NTS 83B/8**
12. **Thunder Lake NTS 83J/2**
13. **Travers Reservoir NTS 82I/2, 7**
14. **Winagami Lake NTS 83N/10**

File Size: 25

Project Duration: 1974-

Frequency of Update: Monthly

Source: Pollution Control Division, Alberta Environment

Location: For information regarding Water Quality Surveys, contact:

Pollution Control Division
Alberta Environment
6th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5828

MINERAL EXPLORATION SAMPLE STORAGE MANUAL FILE

Details: An ongoing file of geologic data including drill core samples and lithologs, primarily obtained from uranium exploration drilling within the Athabasca Basin in Alberta.

File Size: 100 + cores

Project Duration: 1979-

Frequency of Update: As new data is acquired.

Source: Lease and permit data are from Alberta Energy and Natural Resources. The geologic data are from individual exploration companies.

Location: Core and paper records are available for viewing at:

Mineral Exploration Sample Storage Facility
Alberta Research Council
11547-160th Street
Edmonton, Alberta
T5M 3V9 (403) 451-0057

NATURAL RESOURCES AND LAND-RELATED DATA BASES

Details: Statistical and bibliographic data bases that deal with natural resources and land-related information in Alberta are presented below. All data bases listed are available in Alberta. The material presented is taken directly from **COIN: A Directory of Computerized Information in Canada**, 4th Edition, 1983; available from Information Systems, Alberta Research Council. For further information on particular data bases, consult the above publication. Source and contact agencies are listed for each data base with contact agencies listed at the end of this entry.

File Size: 38

1. Statistical Data Bases

Alberta Land Use Planning Data Bank-LANDUP

This statistical data base creates graphic maps while assisting in the analysis of land-use by providing access to and analysis functions for the Canada Land Inventory data coverage of Alberta. The data has been coded mainly from 1:50 000 and 1:63 360 scale CLI maps. Allows data retrieval by defined area and data manipulation to permit weighting, acreage calculation and SPSS interfacing. Data comparisons and overlaying are possible.

Source: Alberta Municipal Affairs

Contact: MAR

Canada Land Inventory

An on-line computer graphics system for displaying data from the Canada Land Inventory data base. Creates graphic maps. The data base consists of 37 maps per subject area, a total of 368 maps. The data types covered include:

- Agriculture
- Forestry
- Recreation
- Sports Fish
- Watershed
- Census
- Land-Use
- Shoreline
- Ungulates
- Wildlife

Source: Alberta Environment

Contact: CACSL

COAL DATA - Coal Analysis

COAL DATA is a numerical data bank of analysis (proximate and ultimate) on Alberta Coal.

Source: Coal Technology Information Centre, Alberta Research Council (ARC)

Contact: ARC, COAL

General Plan Review

This statistical data base presents the results of interviews to ascertain concerns, use and satisfaction with town planning, services and growth in two Edmonton region towns. Includes extensive background information from respondents.

Source: Edmonton Region Planning Commission

Contact: UAPR

Info Globe

A statistical data base providing full text on line articles on all subject matters which have appeared in the Globe and Mail since November 14, 1977.

Source: Globe and Mail

Contact: ARC, CPL

National Water Quality Data (NAQUADAT)

This statistical data base contains data from 1960 to present on more than 15 000 sampled locations across Canada. The five million plus records contain on the average 10 to 40 different chemical analyses of the water.

Source: Environment Canada, Inland Water Directorate, Water Quality Branch

Contact: NAQUA

Petroleum Data System-PDS

PDS is a statistical data base containing the official name of the field or pool, location by country, size, cumulative and annual production, geological occurrence, type of environment, age of resevoir, engineering data on resevoir temperature, pressure and petrophysics, and analysis of crude oil, brine and natural gas.

Source: University of Oklahoma

Contact: GEN

Surface Water Data

This statistical data base consists of 80 000 station years of daily discharges, daily water levels and sediment data for Canadian waters.

Source: Environment Canada

Contact: Ontario Environment

1961, 1966, 1971 & 1976 Census of Canada Tapes

Canadian population data from the last four censuses. Information is available at various statistical areas-enumeration areas, census tracts, census subdivisions.

Source: Statistics Canada

Contact: UAPR

2. Bibliographic Data Bases

AGRICOLA

A cataloguing and indexing data base providing world-wide coverage of agriculture from the National Agricultural Library.

Source: National Agricultural Library

Contact: ARC, CPL, SCH, UASO, UNICIS

Alberta Oil Sands Index (AOSI) (CAN/OLE)

The data is a bibliographic compilation of keyword references to technical literature about oil sands deposits approximate to Alberta.

Source: Alberta Oil Sands Information Centre, Alberta Research Council

Contact: ARL, AOSI, CPL, RED, UASC, UNICIS

Alberta Research Council Author/Subject Index

A bibliographic data base of Alberta Research Council publications, listed by author and subject, is now availble on Spires at the University of Alberta under **Publications.**

Source: Publication Sales, Alberta Research Council

Contact: Publications

APILIT

Covers citations to the refining literature in such areas as petroleum refining and petrochemicals, air and water conservation, transportation and storage, and petroleum substitutes.

Source: American Petroleum Institute

Contact: ARC, CPL, USSC, UNICIS

Aquatic Sciences and Fisheries Abstracts-ASFA

A bibliographic data base providing world-wide literature on all aspects of marine and freshwater environments.

Source: FAO, International Oceanographic Commission of UNESCO and the UN Department of Economic and Social Affairs

Contact: ARC, BINSL, CPL, UNICIS

ASTIS-Arctic Science and Technology Information System

ASTIS is a collection of bibliographic citations which provide access to information about the Arctic environment. All aspects of the Arctic and alpine areas are covered including natural sciences, the Arctic and alpine areas are covered including natural sciences, technology, social sciences and humanities.

Source: Arctic Institute of North America

Contact: ARC, AIRA, BINSL, UNICIS

BOREAL (Boreal Library Catalogue)

BOREAL is a data bank of the acquisitions of the Boreal Institute for Northern Studies Library.

Source: WATDOC, Fisheries and Environment Canada

Contact: ARC, BINSL, CPL, UNICIS

Canada Water-CWA

Contains bibliographic references to reports and publications of Fisheries and Environment Canada, other federal, provincial and municipal agencies, universities and research establishments and consulting firms.

Source: WATDOC, Fisheries and Environment Canada

Contact: ARC, BINSL, CPL, UNICIS

COAL-ABS

This bibliographic data base provides information on the various facets of coal conversion (liquefaction and gasification), beneficiation, geology, mining technology and environmental aspects. Coal-Abs includes international information from periodicals, reports, conference proceedings, patent applications and dissertations. The data base currently cites over 14 000 documents.

Source: Coal Technology Information Centre, Alberta Research Council

Contact: ARC, COAL, UASC

Cold Regions

A bibliographic data base covering world literature in all scientific and technical subject areas pertaining to snow, ice, permafrost or frozen ground.

Source: U.S. Library of Congress

Contact: ARC, CPL, SCH, UASC, UNICIS

Data Reference-DREF

Detailed references to Canadian data collections and data systems on water resources, land, forestry and wildlife collected by or held by Environment Canada, provincial agencies and private firms.

Source: WATDOC, Fisheries and Environment Canada

Contact: ARC, BINSL, CPL, UNICIS

Directory of Federally Supported Research in Universities-IEC (CAN/OLE)

A national repository for university-based research projects in Canada from 1971 to 1976.

Source: N/A

Contact: ARC, CPL, RED, UASC, UNICIS

Energy Projects-ENG

A bibliographic data base prepared by Energy, Mines and Resources Canada in co-operation with the provincial energy departments which consists of abstracts of ongoing energy projects in Canada.

Source: Canada Department of Energy, Mines and Resources

Contact: ARC, CPL, RED, UASC, UNICIS

Energyline

A bibliographic data base containing journal literature, reports, conferences and monographs covering energy and energy-related subject areas.

Source: Energy Information Centre, New York

Contact: ARC, CPL, SCH, UASC, UASO, UNICIS

Energyline

A bibliographic data base covering a full range of scientific, technical, socio-economic, governmental policy and planning and current affairs information. Includes congressional committee prints, conference proceedings, speeches, books and statistics.

Source: Environment Information Centre

Contact: ARC, CPL, SCH, UASC, UASO, UNICIS

ENP-Energy Program

A bibliographic data base containing descriptions of federal and provincial energy programs.

Source: Canada Department of Energy, Mines and Resources in conjunction with the provinces

Contact: ARC, CPL, UNICIS

Enviroline

A bibliographic data base containing literature related to environmental studies taken from journals, conference proceedings, government and institution reports.

Source: Environment Centre, New York

Contact: ARC, CPL, SCH, UASC, UNICIS

Environmental Periodicals Bibliography-EPB

This bibliographic data base indexes more than 250 periodicals to provide information in the fields of general human ecology, atmospheric studies, energy and land and water resources.

Source: Environmental Studies Institute,Santa Barabra, California

Contact: ARC, CPL, SCH, UASC, UNICIS

Environment-ENV

This bibliographic data base contains French-language documents relevant to Canada's environment. Published and unpublished documents dealing with water, air, wildlife, forestry, land and other environmental subjects are abstracted.

Source: WATDOC, Fisheries and Environment Canada

Contact: ARC, CPL, UNICIS

Forest Products-AIDS

This world-wide bibliographic data base provides coverage of the entire wood products industry with the exception of chemical pulping and forestry practices.

Source: N/A

Contact: ARC, CPL, SCH, UASC, UNICIS

GAP-Government of Alberta Publications

The GAP data base contains bibliographic records of publications of the Alberta government.

Source: Public Affairs Bureau, Government of Alberta

Contact: ARC, CPL, GAP, UNICIS

GEODIAL

GEODIAL is a bibliographic data base of reports with geological data information sponsored by the Alberta Research Council using input data for GEOSCAN (Canadian Index of Geoscience Data) and publications of the Canadian Society of Petroleum Geologists.

Source: Alberta Research Council, Alberta Geological Survey

Contact: ARC, GEO, UASC, UNICIS

Geological References-GEOREF

A bibliographic data base providing world-wide coverage of geoscience literature in 29 different fields. The data base covers approximately 3 000 journals and includes coverage of conferences and symposia and major monographs.

Source: American Geological Institute, Washington, D.C.

Contact: ARC, CPL, SCH, UASC, UNICIS

Mining Technology

A bibliographic data base abstracting and keywording references to literature on mining technology and related topics.

Source: CANMET, Energy, Mines and Resources Canada

Contact: ARC, BINSL, CPL, UNICIS

NEWS

References, with brief summaries, to water-related news stories from English-language Canadian newspapers.

Source: WATDOC, Fisheries and Environment Canada

Contact: ARC, BINSL, CPL, UNICIS

Novelles

References, with brief summaries, to water-related news stories from French-language Canadian newspapers.

Source: WATDOC, Fisheries and Environment Canada

Contact: ARC, BINSL, CPL, UNICIS

PPR-Periodicals Publishing Record

PPR contains data on currently published Alberta government periodicals available to the public. The purpose of this subfile is to provide all pertinent information for those interested in accessing periodicals. Excluded from PPR are annual reports and discontinued titles. These are included in GAP.

Source: Public Affairs Bureau, Government of Alberta

Contact: ARC, GAP, UNICIS

Solid Waste Management-SOL

References to completed ongoing solid waste management, recovery and utilization projects are contained in the bibliographic data base. Both government and private funded projects are referenced.

Source: Solid Waste Management Branch, Fisheries and Environment Canada

Contact: ARC, BINSL, CPL, UNICIS

SWERP (Solar and Wind Energy Research Program)

A bibliographic data base of technical and non-technical publications relating to solar and wind energy with selective coverage on energy conservation, biomass and wood energy. It includes international information from periodicals, reports, government documents, patent agencies, and conference proceedings.

Source: Alberta Research Council

Contact: ARC, CPL, SWERP, UNICIS

Contact Agencies

Ross Goodwin
AINA,Arctic Institute of North America
University of Calgary
2500-University Drive, N.W.
Calgary, Alberta
T2N 1N4 (403) 284-7515

ARC
Mrs. Mary Hart
Industrial Information
Alberta Research Council
4th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0666

BINSL
Mrs. G. Cooke
Boreal Institute for Northern Studies
CW 401, Biological Sciences Building
University of Alberta
Edmonton, Alberta
T6G 2E9 (403) 432-4409

CACSL
Computel Systems Ltd.
600, 333-7th Avenue S.W.
6th Floor, Dome Tower
Toronto Dominion Centre
Calgary, Alberta
T2P 2Z1 (403) 262-7975

COAL
Mrs. Leslie Black
Alberta Research Council
Coal Technology Information Centre
11315-87th Avenue
Edmonton, Alberta
T6G 2C2 (403) 439-5916

CPL
Calgary Public Library
W.R. Castell Central Library
616-MacLeod Trail, S.E.
Calgary, Alberta
T2G 2M2 (403) 266-4606

GAP
Mrs. Susan Krywolt
Alberta Public Affairs Bureau
Publications Services
11510-Kingsway Avenue
Edmonton, Alberta
T5G 2Y5 (403) 427-4387

GEN
Ms. Rhonda Elton
Canadian General Electric
Suite 1000, Cambridge Building
10024-Jasper Avenue
Edmonton, Alberta
T5J 1R9 (403) 420-0770

GEO
Mr. J.R. MacGillivray
Alberta Geological Survey
Alberta Research Council
3rd Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

MAR
Ms. Delphine Langille
Alberta Municipal Affairs
Central Services Branch
10th Floor, Jarvis Building
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-0652

NAQUA
Ms. Maureen Lamb
Water Quality Branch
Inland Waters Directorate
Environment Canada
10th Floor
Place Vincent Massey
351-St. Joseph Blvd.
Ottawa, Ontario
K1A 0E7

Publications
Ms. Joanne Nakonechny
Publication Sales
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

RED
Mr. Paul Boultbee
Technical Service Librarian
Red Deer College
Learning Resources Centre
56th Avenue-32nd Street
Red Deer, Alberta
T4N 5H5 (403) 342-3351

SCH
Mr. John J. Willson
Nichols Applied Management
400, 10180-102nd Street
Edmonton, Alberta
T5J 0W5 (403) 424-0091

SWERP
Mrs. Karen Beliveau
Information Centre
Solar and Wind Energy Research Program
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

UAPR
Director, Population Research Laboratory
Department of Sociology
162 Tory Building
University of Alberta
Edmonton, Alberta
T6G 2H4 (403) 432-4659

UASC
Ms. M. Young
Science Division, Cameron Library
University of Alberta
Edmonton, Alberta
T6G 2H4 (403) 438-2728

UNICIS
Ms. Shelagh Mikaluk
Social Science Library
University of Calgary
2500-University Drive N.W.
Calgary, Alberta
T2N 1N4 (403) 284-5962

Ontario Environment
Mr.R.G. Boals
Water Resources Branch
Fisheries and Environment Canada
Place Vincent Massey
Ottawa, Ontario
K1A 0E7 (613) 997-2098

NORTHERN RESEARCH REGISTRY COMPUTERIZED BIBLIOGRAPHY

Details: The Research Registry, established in 1983, contains key information on research completed since 1980 and on current research significant to part and/or all of northern Alberta. The registry is currently stored on an IBM personal computer. The following retrieval services are available to the user:

1. A hard copy print-out of the entire registry
2. Annual updates (sent out in the fall)
3. Upon request to the registry coordinator, the following searches can be conducted by:

subject	year
title	location
author	document source/agency/contact

File Size: 180 + .

Project Duration: 1983-

Frequency of Update: Annually

Source: Northern Development Branch, Alberta Tourism and Small Business

Location: This data base is currently available to **only** govenment employees. Further information is available from:

Northern Research Coordinator
Northern Development Branch
Alberta Tourism and Small Business
Bag 900-14
Peace River, Alberta
T0H 2X0 (403) 624-6274

OBSERVATION WELL NETWORK MANUAL FILE

Details: Water levels are continually monitored in more than 120 wells, and in over 40 wells manually every 96 or more days. Data are used to determine aquifer behavior during changes in climate, water withdrawal, surface water levels, etc.

File Size: Approx. 12 000 pages

Project Duration: 1982-

Frequency of Update: Some every 32 days and some every 96 days

Source: Alberta Environment, Hydrogeology Branch

Location: Information may be obtained from:

Alberta Environment
Earth Sciences Division
14th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6230

PROVINCIAL PARKS INVENTORY MANUAL FILE

Details: Individual provincial parks and wayside recreational areas are defined into one of the following types: preservation, wildlife, natural environment, recreation or park reserve. Resource characteristics described are climate, geology, soils, base maps, aerial photography, hydrology, limnology, vegetation, fauna, ecology, history, archaeology, biophysical and recreational facilities and services. Additional detailed information is available for Kananaskis Country and its 67 recreational areas.

File Size: 61 provincial parks, 68 wayside recreational areas and 67 recreational areas within Kananaskis Country.

Project Duration: 1974-

Frequency of Update: Continually

Source: Alberta Recreation and Parks, Parks Planning Branch

Location: Provincial park inventory information may be obtained from:

Resource Planning Section
Parks Planning Branch
Alberta Recreation and Parks
7th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-4666

RESTRICTED AREAS MANUAL FILE (GEOPHYSICAL EXPLORATION)

Details: An ongoing paper file containing diagrams of restricted areas filed by township, range and plot with the accompanying ministerial order for each restricted area in Alberta.

File Size: 28

Project Duration: 1961-

Frequency of Update: As required

Source: Alberta Energy and Natural Resources, Mineral Resources Division, Exploration Branch

Location: Information is available from:

Manager, Exploration Approval and Incentives
Exploration Branch
Mineral Resources Division
Alberta Energy and Natural Resources
6th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-6601

RESTRICTED DEVELOPMENT AREAS MANUAL FILE

Details: The Department of the Environment Act (Section 16) provides for the designation of Restricted Development Areas (RDAs) within the province. Since 1974 thirteen of these designations have been made. The purposes for the individual RDAs differ somewhat, but the need for environmental protection and transportation/utility corridor lands has been two basic reasons for RDA designations.

Within each RDA, subdivision and development applications and proposed land-use changes are reviewed to determine whether they conform to the regulations set up for that particular RDA. Approval from the minister of the Environment is required before any of these changes in land-use are permitted.

Once designated, Restricted Development Area boundaries are not entirely static but may be redefined as more information becomes available. Minor amendments involving small deletions of land or clarification of boundaries have been made to the Calgary, Edmonton, Edmonton-Devon, Edmonton-Fort Saskatchewan and Sherwood Park West Restricted Development Areas.[42]

In 1979, conceptual development plans were finalized for the Edmonton and Calgary Transportation and Utility Corridors which established the primary land uses as: a limited access freeway, buffers, petroleum products pipelines, high voltage power transmission lines and local service utilities.

Regulations for Restricted Development Areas are in effect for the following locations:

1. Blue Ridge
2. Calgary
3. Capital Recreation Park
4. Edmonton
5. Edmonton-Devon
6. Edmonton-Fort Saskatchewan
7. Fish Creek
8. Fort McMurray Settlement
9. Lethbridge
10. Pinehurst Lake
11. Sherwood Park West
12. Strathcona
13. Turtle Mountain

A schedule of land descriptions is appended to each Restricted Development Area Regulation.

File Size: 13

Project Duration: 1973-

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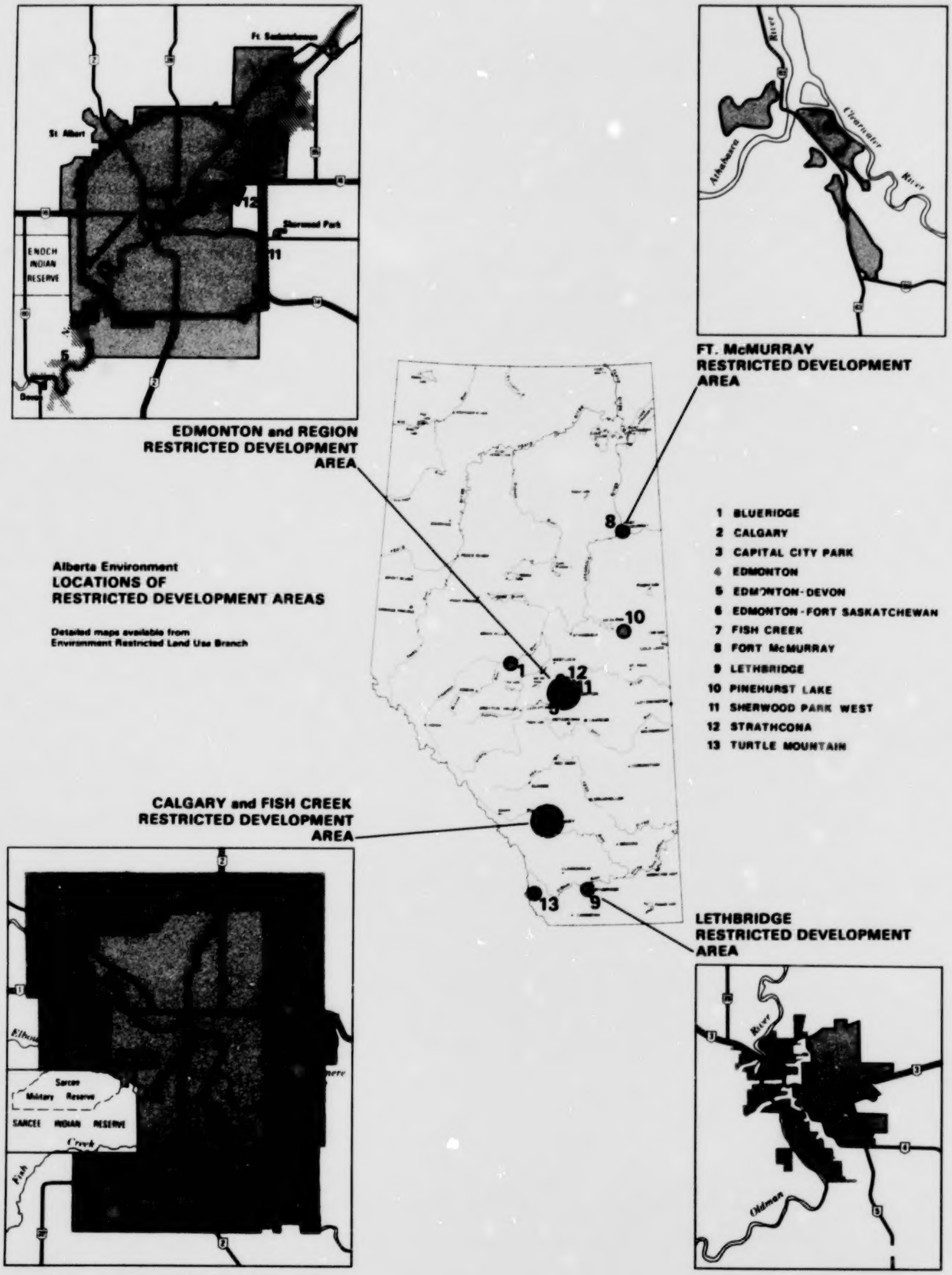
[42] At present, the Restricted Land Use Branch is actively involved in research studies related to the Restricted Development Area programs. For the Edmonton-Devon Restricted Development Area, a study is underway to assess the physical and ecological characteristics of the North Saskatchewan River Valley. When complete the study will be used to provide a basis for evaluating proposed land-use changes in the river valley.


Ft. Saskatchewan
St. Albert
12
Sherwood Park
11
ENOCH
INDIAN
RESERVE
5
Devon
EDMONTON and REGION RESTRICTED DEVELOPMENT AREA
Athabasca River
Clearwater River
FT. McMURRAY RESTRICTED DEVELOPMENT AREA
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CALGARY and FISH CREEK RESTRICTED DEVELOPMENT AREA
Elbow
Sarcee Military Reserve
SARCEE INDIAN RESERVE
Fish Creek
LETHBRIDGE RESTRICTED DEVELOPMENT AREA
River
Oldman

Alberta Environment
LOCATIONS OF
RESTRICTED DEVELOPMENT AREAS

Detailed maps available from
Environment Restricted Land Use Branch

1 BLUERIDGE
2 CALGARY
3 CAPITAL CITY PARK
4 EDMONTON
5 EDMONTON-DEVON
6 EDMONTON-FORT SASKATCHEWAN
7 FISH CREEK
8 FORT McMURRAY
9 LETHBRIDGE
10 PINEHURST LAKE
11 SHERWOOD PARK WEST
12 STRATHCONA
13 TURTLE MOUNTAIN

Source: Alberta Environment, Land Assembly Division, Restricted Land Use Branch

Location: Access to information varies depending upon the RDA; for information regarding availability, contact:

Restricted Land Use Branch
Land Assembly Division
Alberta Environment
15th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6208

ROUTINE WATER QUALITY MONITORING OF MAJOR RIVER SYSTEMS IN ALBERTA COMPUTER FILE

Details: An ongoing computer-accessible file of water samples from the South Saskatchewan River Basin in Alberta to determine chemical properties and the degree of bacterial content emitted from industrial and municipal waste outlets. Seasonal reports are produced.

File Size: 17 sites (chemical and biological data) on 11 rivers

Project Duration: 1972-

Frequency of Update: Monthly

Source: Alberta Environment, Pollution Control Division

Location: Water-quality data is available from:

Pollution Control Division
Alberta Environment
6th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5828

RURAL AIR QUALITY MONITORING COMPUTER FILE

Details: An ongoing computer-acessable file of air-quality station records, documenting dust fall, hydrogen sulphide, sulphation and fluoride levels in rural areas. Hydrogen sulphide, sulphur dioxide, and wind speed and direction are continually monitored in vicinities of gas- processing plants.

File Size: 600 + .

Project Duration: 1963-

Frequency of Update: Monthly

Source: Alberta Environment, Pollution Control Division

Location: Rural air quality data may be obtained from:

Pollution Control Division
Alberta Environment
6th Floor, Oxbridge Place
Edmonton, Alberta
T5K 2J6 (403) 427-5893

SACRAMENTO GAUGE NETWORK COMPUTER FILE

Details: This computerized data base, on the yearly precipitation in the **Green Zone** of Alberta, is summarized annually in the publication **Synopsis - Sacramento Precipitation Storage Gauge Network.** The computerized data is available through Alberta Environment.

File Size: 135 stations

Project Duration: 1954-

Frequency of Update: Annually

Source: Watershed Management Section, Forest Land Use Branch, Alberta Forest Service

Location: Further information may be obtained from:

Mr. Paul Jablonski
Watershed Management Section
Forest Land Use Branch
Alberta Forest Service
Alberta Energy and Natural Resources
6th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-3583

Annual publications can be viewed at:

Library
Alberta Energy and Natural Resources
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

SATELLITE IMAGERY

Details: Color and black and white LANDSAT satellite images of Canada can be ordered in scales from 1:1 000 000 to 1:150 000. They are used extensively for natural resources and environmental applications. For conventional imagery refer to "Aerial Photography" on page 269.

File Size: N/A

Project Duration: 1972-

Frequency of Update: 16-day cycle

Source: Canada Department of Energy, Mines and Resources

Location: Further information can be obtained from:

Canada Centre for Remote Sensing
Canada Department of Energy, Mines and Resources
2464 Sheffield Road
Ottawa, Ontario
K1A 0Y7 (613) 995-4560

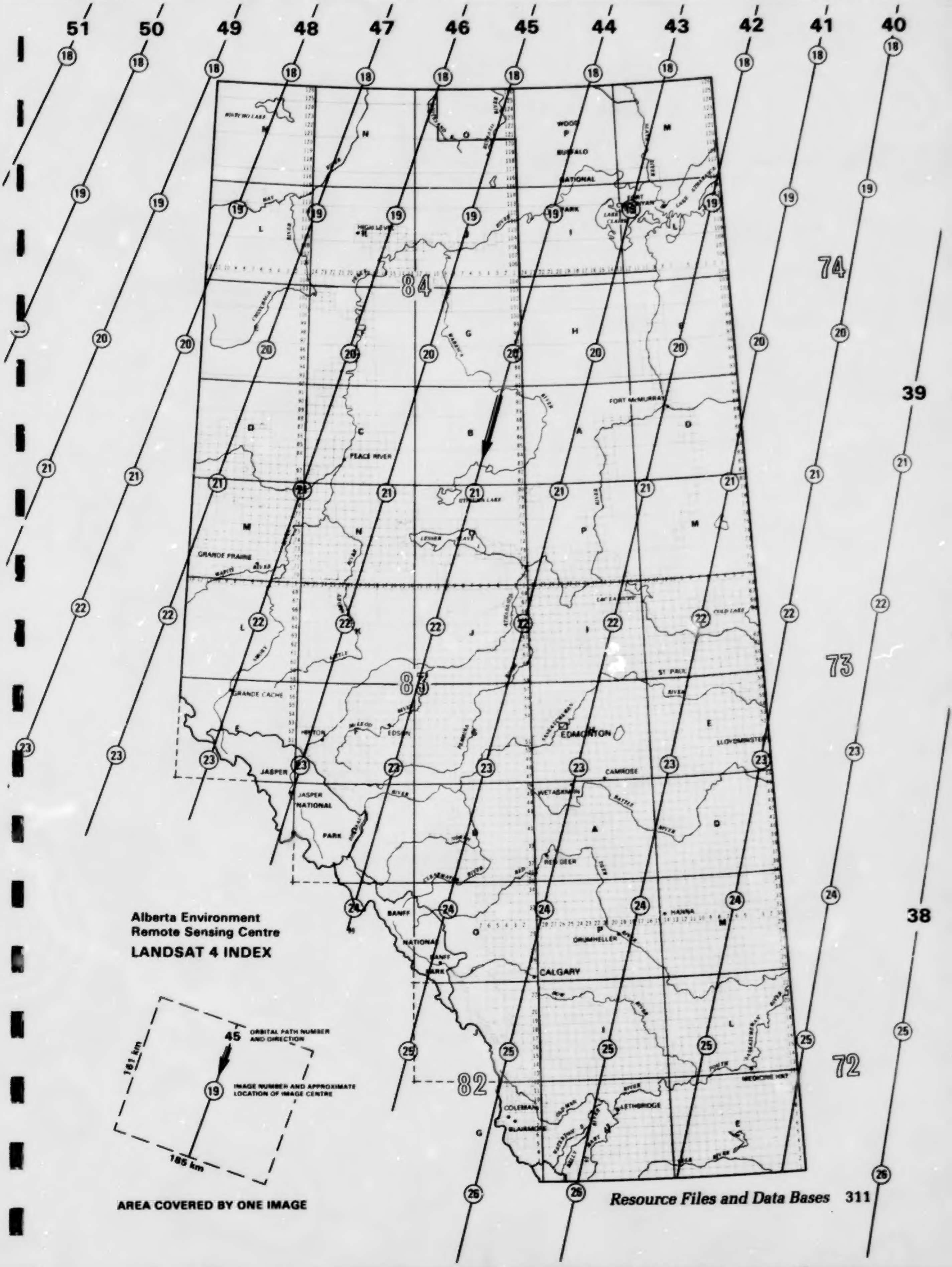
or

Alberta Remote Sensing Centre
11th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-2381

Imagery can be selected at the Alberta Remote Sensing Centre, but is ordered from:

Prince Albert Satellite Station
Box 1150
Prince Albert, Saskatchewan
S6V 5S7

NOTE: LANDSAT 4, launched July 16, 1982 is currently providing only the remotely sensed earth resources imagery. LANDSAT D prime is scheduled for launch in the spring of 1984.



Alberta Environment
Remote Sensing Centre
LANDSAT 4 INDEX

AREA COVERED BY ONE IMAGE

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PEACE RIVER
HIGH LEVEL
GRANDE PRAIRIE
GRANDE CACHE
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
CAMROSE
WETASKIWIN
ST PAUL
LLOYDMINSTER
COLD LAKE
RED DEER
HANNA
DRUMHELLER
BANFF NATIONAL PARK
BANFF
CALGARY
MEDICINE HAT
LETHBRIDGE
COLEMAN
BLAIRMORE
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE ATHABASCA
LESSER SLAVE LAKE
UTIKUMA LAKE
LAC LA BICHE

SEDIMENT DATA MANUAL FILE

Details: An annual publication by the Water Survey of Canada, Inland Waters Directorate, indicating sediment data for various rivers in Alberta.

File Size: 21 (publications)

Project Duration: 1963-

Frequency of Update: Annually

Source: Environment Canada, Inland Waters Directorate, Water Resources Branch, Water Survey of Canada

Location: Reports may be viewed at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

Further information may be obtained from:

Regional Chief
Water Resources Branch
Environment Canada
Bag 2909
Postal Station M
Calgary, Alberta
T2P 2M7 (403) 231-5301

SEISMIC STATISTICS MANUAL FILE

Details: A paper file in which the number of miles of seismic lines cut, number of miles of land used, amount of land cleared, and amount of financial reimbursement for timber damage are indicated.

File Size: Varies from 300 to 1 200 seismic programs per year.

Project Duration: 1963-

Source: Alberta Energy and Natural Resources, Alberta Forest Service

Location: Individual records are restricted.

Forest Land Use Branch
Alberta Forest Service
Alberta Energy and Natural Resources
6th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3582

Totals are public and are available in **Annual Report: Alberta Energy and Natural Resources** from:

Alberta Energy and Natural Resources
Information Centre
1st Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3590

SILVICULTURE COMPUTER FILE

Details: An ongoing computer-accessible file in which records are maintained on areas that are cut each year, surveyed for new growth, and areas successfully reforested and silviculturally treated The number of seedlings planted and the total area scarified, seeded and thinned is presented for each forest region in Alberta.

File Size: N/A

Project Duration: 1960-

Source: Alberta Energy and Natural Resources, Alberta Forest Service

Location: Silviculture reports are available from:

Timber Management Branch
Alberta Forest Service
Alberta Energy and Natural Resources
7th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-7619

SNOW COURSE DATA COMPUTER FILE

Details: Snow courses provide snow data (depth and water equivalent) to enable the River Forecast Centre to produce **Water Supply and Snow Survey Bulletins** for the year. The **Water Supply Outlook** is issued as closely as possible to the beginnings of March, April, May, June, July and August. A yearly summary is also available.

All historical data are available in a computer print-out format. Information includes the location of the snow course, the date of the survey, the average depth of snow and its water equivalent. In addition, Alberta Environment operates several snow pillows; these devices are designed to give a continuous record of the accumulation and depletion of the snow pack over the entire season.

File Size: 101 (snow courses, 1981-1983)

Project Duration: 1941-

Source: Alberta Environment, Technical Services Division; and Environment Canada, Atmospheric Environment Services

Location: Snow Course data is available from:

Water Survey Section
Technical Services Division
Alberta Environment
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6279

SOIL DATA COMPUTER FILE (CANSIS)

Details: A comprehensive computer-accessible file (CANSIS) of soil profiles in Alberta. Field descriptions specify location, climate, vegetation, soil morphology and special notes. Physical, chemical, engineering, mineralogical and other special analytical data are available for most locations.

File Size: 600+.

Project Duration: 1972-

Frequency of Update: Daily

Source: Alberta Research Council, Natural Resources Division

Location: Information may be obtained from:

Head, Soils Department
Alberta Research Council
6th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

Note: This file is not publicly accessible.

SOLAR AND WIND ENERGY RESEARCH PROGAM (SWERP) MANUAL FILE

Details: Wind speed and direction air temperature, and solar radiation incident on the six faces of a cube are all monitored at each of the following recording stations in Alberta: Pincher Creek, Coronation, Rocky Mountain House, Edson, Ellerslie, Fort McMurray and Lethbridge.

File Size: 7

Project Duration: 1977-

Frequency of Update: Daily

Source: Alberta Research Council, Industrial and Engineering Research Division

Location: For further information, contact Karen Beliveau at:

SWERP Information Centre
Alberta Research Council
5th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

The following Alberta Research Council publications are available:

1. **A Tabulation and Analysis of Solar Radiation Data in Alberta**
2. **Wind Power in Alberta**

The **Solar and Wind Energy Research Program (SWERP) Index,** available on an annual subscription basis, has been prepared and is available in the following libraries in Alberta: Red Deer, Grande Prairie, Lethbridge, Calgary, Medicine Hat, Fort McMurray and the Alberta Research Council.

A copy may be viewed at:

Alberta Energy and Natural Resources
9th Tower, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

SPRINGS OF ALBERTA COMPUTER FILE

Details: A computer-accessible file of groundwater springs in Alberta. Well and borehole data, aquifer tests, chemistry, lithology and location are recorded for each groundwater spring.

File Size: 1 800+.

Project Duration: 1976-

Source: Alberta Research Council, Natural Resources Division

Location: Data for individual groundwater springs are available in **Index to the Springs of Alberta** from:

Groundwater Department
Alberta Research Council
6th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

Computer print-outs are available upon request. Further information may be found in **Hydrogeology, Springs of Alberta** by D.M. Borneuf; 1982, Earth Sciences Report 82-3. For additional information on the groundwater resources of Alberta, contact:

Groundwater Resources Information Service
4th Floor, Energy Square
10109-106th Street
Edmonton, Alberta
T5J 1H3 (403) 427-4483
or (403) 427-4484

SURFACE WATER DATA MANUAL FILE

Details: An annual report by the Water Survey of Canada, Inland Waters Directorate, water data for various water bodies in Alberta.

File Size: 400+.

Project Duration: 1898-

Frequency of Update: Annually

Source: Environment Canada, Inland Waters Directorate, Water Resources Branch

Location: Reports are available for viewing at:

Alberta Energy and Natural Resources Library
9th Floor, South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

or

Technical Services Division
Alberta Environment
10th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

or

Environment Canada Library
1400 Rocky Mountain Plaza
615-2nd Street, S.E.
Calgary, Alberta
T2G 4T8 (403) 297-6461

Further information may be obtained from:

Regional Chief
Water Resources Branch
Environment Canada
Bag 2909
Postal Station M
Calgary, Alberta
T2P 2M7 (403) 231-5301

TIMBER PRODUCTION RECORDS MANUAL FILE

Details: An ongoing manual file indicating the quantity of lumber scaled, sawn, manufactured and sold, by tree species or species grouping, and forestry management unit.

File Size: N/A

Project Duration: 1950-

Frequency of Update: Monthly

Source: Alberta Energy and Natural Resource, Alberta Forest Service

Location: Individual records are restricted; contact:

Forest Revenue Section
Timber Management Branch
Alberta Forest Service
Alberta Energy and Natural Resources
7th Floor, Bramalea Building
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-7617

Totals are public and are available in the following publications:

1. **Annual Report: Alberta Energy and Natural Resources**
2. **Statistics Canada, Production Shipments and Stocks on Hand Sawmills East of the Rockies**

UPPER AIR OBSERVATION COMPUTER FILE

Details: Upper atmospheric observations of temperature, humidity and winds with altitude from rawinsonde soundings from Rocky Mountain House (to 1980), Red Deer Airport, Calgary and a mobile unit operated within the project area (to 1980). Data commencing in 1983 is available on magnetic tape; prior to this date, hard copy data print-outs are available.

File Size: 3 500 + (soundings)

Project Duration: 1974-

Frequency of Update: Annually

Source: Alberta Research Council, Atmospheric Sciences Department

Location: Information is available from:

Atmospheric Sciences Department
Courier Mailroom, Provincial Building
4920-51st Street
Red Deer, Alberta
T4N 6K8 (403) 886-4431

URBAN AIR QUALITY MONITORING COMPUTER FILE

Details: An ongoing computer-accessible file in which nitrogen oxides, carbon monoxide, sulphur dioxide, total oxidant, total hydrocarbons, and suspended particulate matter are recorded quantitatively for the assessment of air quality in Edmonton and Calgary. Less comprehensive networks are maintained in other urban areas.

File Size: 6 stations

Project Duration: 1966-

Frequency of Update: Monthly

Source: Alberta Environment, Pollution Control Division

Location: Urban air-quality data is available from:

Pollution Control Division
Alberta Environment
6th Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5893

URBAN GEOLOGY MANUAL FILE

Details: A published paper file in which geological surveys of Edmonton and Calgary have been documented. Within each file are extensive drill hole records with lithological logs, field notes and a comprehensive analysis of mineralogical, textural and engineering features.

File Size: 5 000+.

Project Duration: 1970-

Source: Alberta Research Council, Natural Resources Division

Location: Information may be obtained from:

Information Geologist
Alberta Geological Survey
Alberta Research Council
3rd Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

WATER DIVERSION LICENCES COMPUTER FILE

Details: A comprehensive ongoing computer accessible file of project data for licences and permits issued under the Water Resource Act. For each licence, surface and ground water, the following information may be included:

1. Unique number
2. Applicant
3. Point of diversion
4. Statutory purpose
5. Drainage basin
6. Water survey basin
7. Tributary of/to
8. Source of supply
9. Project name
10. Gross diversion
11. Annual irrigation
12. Dam height
13. File number
14. NTS nap number
15. Artificial storage
16. Reservoir area
17. Total storage
18. Headworks capacity

The permit file includes:

1. Applicant
2. File number
5. Crossing type
3. Land location
4. Stream name
6. Approval d

File Size: 12 000 + (active licences) and 6 000 + (permits)

Project Duration: Circa 1880

Source: Alberta Environment, Water Resources Administration Division

Location: Information is available from:

Water Resources Administration Division
Alberta Environment
2nd Floor, Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6111

WATER WELL DRILLERS' REPORTS MANUAL FILE

Details: An ongoing paper file indicating location, depth, amount and quality of water for each domestic, industrial or municipal well drilled. A description of ground formations is also included for each well drilled.

File Size: N/A

Project Duration: 1953-

Source: Alberta Environment, Earth Sciences Division

Location: Information is available from:

Earth Sciences Division
Alberta Environment
14th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6182

WATER WELL INFORMATION MANUAL FILE (EARTH SCIENCES DIVISION)

Details: An ongoing paper file of information on all known water wells drilled in Alberta. Files (available on microfiche), may include driller's reports (land location, owner, water use, yield, lithologic description), water chemistry, geophysical logs, pump test data and structure test holes. An Index File indicating what information is available is produced on microfiche and updated quarterly. Computer print-outs are also available.

File Size: 230 000+.

Project Duration: 1973-

Frequency of Update: Daily for paper file; Quarterly for microfiche file

Source: Alberta Environment, Earth Sciences Division

Location: Groundwater data is available from:

Earth Sciences Division
Alberta Environment
14th Floor, Standard Life Centre
10405-Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6231

For additional information on groundwater resources of Alberta, contact:

Groundwater Resources Information Services
4th Floor, Energy Square
10109-106th Street
Edmonton, Alberta
T5J 1H3 (403) 427-4483
or (403) 427-4484

WEATHER RADAR DATA COMPUTER FILE

Details: A collection of magnetic tapes with highly compressed data from an S-band (10 cm wavelength) polarization diversity radar and a C-brand (5 cm wavelength) weather radar. The radars are located at the Red Deer Airport and during the summer months make volume scans of the atmosphere within a 150 kilometre radius every 1-3 minutes. These data can be used to measure rainfall and estimate hailstorm intensity. A comprehensive set of computer programs allows for the recording, display and analysis of the data.

File Size: 4 000 + magnetic tapes (2 400 feet, 800 bpi)

Project Duration: 1974-

Frequency of Update: Annually

Source: Alberta Research Council, Atmospheric Sciences Department

Location: Information is available from:

Atmospheric Sciences Department
Alberta Research Council
7th Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

Listed in this section are bibliographies, indexes, directories and catalogues that relate directly to the natural resources of Alberta. For the location of a specific reference consult the card catalogues or computer listings available in the various Alberta Government Libraries. For the address of the nearest government library consult "Alberta Government Libraries Containing Natural Resources Information" on page 4.

BIBLIOGRAPHIES

A **Bibliography of the Hydrogeologic Aspects of the Oil Sands in Alberta.** Edmonton. Alberta Environment, Hydrology Branch.

Alberta Remote Sensing Centre. 1977. **Specialists Involved in Remote Sensing and a Bibliography of Remote Sensing in Alberta.** Edmonton. Alberta Environment.

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